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ABSTRACT

The development of the NCHEM taxonomy came about because of a need for standardized and comprehensive structures for cataloging and organizing information on the multitude of instructional programs and activities presently functioning in the various levels and sectors of education. Although considerable effort has gone into the development of the NCHEMS postsecondary education subject matter taxonomy, the final result is not entirely satisfactory. This is due in part to inadequacies in the foundations upon which the proposed taxonomy has been based (that is, two existing taxonomies, both of which have internal inconsistencies) and in part to the restriction of the taxonomy to a four-digit coding structure. This proposed taxonomy has not attempted to resolve these issues but does seek to lay out issues and alternatives for consideration by others who may be concerned with the development of subject matter taxonomies. (Author)

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- provide improved information to higher education administration at all levels.
- facilitate exchange of comparable data among institutions.
- facilitate reporting of comparable information at the state and national levels.

Western Interstate Commission for Higher Education
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A PROPOSED TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS

(Preliminary Draft)

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James N. McLaughlin

1975

This document, which has been produced as part of a program supported by the National Institute of Education, is one of two NCHEMS documents on classification systems for postsecondary education subject matter. This one proposes a postsecondary education subject matter taxonomy that might be used on an interim basis in conjunction with the NCHEMS Program Classification Structure. The other, entitled A General Discussion of Classification Systems for Postsecondary Education Subject Matter, provides a general discussion of the subject with special attention to characteristics of "the ideal" taxonomy and the strengths and weaknesses of existing taxonomies.

Both of these documents are being given very limited distribution in the hope that a new project being considered by the National Center for Educational Statistics will be initiated to develop a subject matter taxonomy for all of education that is far more comprehensive and systematic than any existing taxonomy, including the one described in this document. By limiting distribution of the two NCHEMS documents, it is hoped that more attention will be focused on the development and review of this long-term solution to the taxonomy problem.

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PREFACE

The primary mission of the National Center for Higher Education Management Systems (NCHEMS) at WICHE is to assist organizations and agencies involved in postsecondary education with the development of improved procedures and tools for planning and resource allocation. A related objective is the development of procedures that facilitate the exchange of comparable data among these institutions and agencies. This document, which has been developed jointly by the NCHEMS staff and the Statewide Structures Task Force, reviewed by the staff and the Task Force and approved for limited distribution by the Current Projects Committee of the NCHEMS Board of Directors, is intended to further these general objectives.

Work on the postsecondary education subject matter taxonomy described in this document was initiated for two basic reasons: First, an immediate need for a unified subject matter taxonomy was seen for both the emerging state postsecondary education commissions and the community/junior colleges. Second, NCHEMS was interested in exploring the possibilities of extending the utility of its products to all of postsecondary education. As work on the taxonomy progressed, it became clear that it was a problem that could be dealt with only on an interim basis with the resources available in the NCHEMS project. The work on the present taxonomy therefore shifted from trying to develop an alternative that would be recommended for actual use to providing an example of what might be done and documenting problems in existing taxonomies. It is hoped that in this way further effort on the development of postsecondary subject matter taxonomies, specifically new projects being considered by the National Center for Educational Statistics, will lead to a satisfactory taxonomy for all of education.

Thus, the taxonomy described in this document is not viewed by NCHEMS as a real alternative for actual use (although it is superior in many ways to existing taxonomies), it is not being recommended for inclusion in the NCHEMS communication base, nor are there any plans for maintaining or updating it in the future. Any institution or agency that adopts or implements this taxonomy should be aware that there is a strong possibility that yet another new taxonomy will be developed through NCES and adopted for federal reporting purposes within the next three to five years. It is doubtful that coding structure of that new taxonomy will bear any resemblance to the one used in this document.

INTRODUCTION

In recent years, stimulated in part by the Higher Education Amendments of 1972 that established the so-called 1202 Commissions,* a general consensus has been developing that federal, state, and regional planners should be concerned about all portions of postsecondary education and not just individual sectors. This seems appropriate as many institutions in the different sectors (for example, higher education, vocational/technical education, proprietary education) are beginning to diversify and compete more directly with one another. This trend, which appears likely to continue, creates special problems for those responsible for planning and coordinating the various institutions and delivery units for postsecondary education programs and activities.

To facilitate statewide planning and decision making for diverse numbers and types of postsecondary education delivery units, a set of standardized procedures and coding schemes for classifying, categorizing, organizing, and displaying a wide variety of types of information about the programs and activities that are provided by these units must be available. Members of the NCHEMS Advisory Structure (particularly members of the Statewide Structures Task Force), statewide postsecondary planners and decision makers, and other members of the postsecondary education community have expressed strong reservations about some of the structures presently available for cataloging, organizing, and reporting information, particularly those related to postsecondary education subject matter.

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*Section 1202 of the 1972 Higher Education Amendments to the Higher Education Act of 1965 specifies that each state shall designate or create a State Commission (i.e., 1202 Commission) that is "broadly and equitably representative of the general public and public and private nonprofit and proprietary institutions of postsecondary vocational schools, area vocational schools, technical institutes, four-year institutions of higher education and branches thereof..." to conduct comprehensive statewide planning for postsecondary education.

SUBJECT MATTER TAXONOMIES CURRENTLY IN USE

Currently there are two widely used taxonomies for reporting data about academic, vocational/technical, and adult/continuing education programs and activities: Standard Terminology for Curriculum and Instruction in Local and State School Systems (U.S. National Center for Educational Statistics, 1970a), hereafter referred to as the Handbook VI taxonomy, and A Taxonomy of Instructional Programs in Higher Education (U.S. National Center for Educational Statistics, 1970b), hereafter referred to as the HEGIS taxonomy. These two taxonomies were designed for similar purposes but for different segments of postsecondary education.

The HEGIS Taxonomy

The HEGIS taxonomy was developed jointly by the National Center for Educational Statistics (NCES) of the U.S. Office of Education and the Western Interstate Commission for Higher Education as a classification system for student programs in higher education. Currently it is used by NCES as a key element in their Higher Education General Information Survey (HEGIS) questionnaires for collecting data on enrollments and degrees awarded from higher education institutions. Its status was enhanced substantially when it was made an integral part of the Program Classification Structure (PCS) developed by NCHEMS (Gulko, 1972). It thus became identified as relevant to higher education planning and management as well as federal reporting.

The HEGIS Taxonomy is essentially an alphabetical listing of program categories that are commonly found in higher education institutions. The taxonomy has two major sections, one for "academic" programs at the baccalaureate level and above, and the other for vocational/technical programs at less than the baccalaureate level. The taxonomy has a two-level hierarchical structure that permits the individual program subcategories to be aggregated in a logical fashion into broad program categories. The strengths and weaknesses of the HEGIS taxonomy have been discussed by Wing (1975).

Although the HEGIS taxonomy was developed as a means for classifying student programs, it can be used also to classify disciplines and subject matter, because in higher education student programs and disciplines often have the same names. In the NCHEMS Program Classification Structure, the HEGIS taxonomy is used to refer to disciplines (or instructional departments) without any loss in utility or applicability.

The Handbook VI Taxonomy

The Handbook VI Taxonomy was developed as a classification system for subject matter, student programs, and so forth for institutions and agencies concerned with vocational/technical education. It is currently used for both planning and reporting purposes by agencies and institutions at both the secondary and postsecondary levels. It has been designated as a Department of Health, Education, and Welfare reporting standard and it is currently under consideration by the National Bureau of Standards for designation as a Federal Reporting Standard.

The Handbook VI Taxonomy is a five-level hierarchical classification system with a ten-digit coding structure. The taxonomy has 22 major sections that correspond to broad discipline categories related to vocational/technical education. It is relatively comprehensive although it does have considerable redundancy and repetition of categories. A discussion of the strengths and weaknesses of the Handbook VI Taxonomy can be found in Wing (1975).

THE PROPOSED TAXONOMY

In the development of the taxonomy described in this document, it was recognized that a single unified taxonomy of subject matter areas for all levels and sectors of education (for example, elementary, secondary, postsecondary) would be a worthwhile objective. It also was obvious that such an effort would require a rather long-term effort (two or more years) that could not be supported with resources available for this NCHEMS effort. Given the problems that currently exist for a large number of states and institutions because of the existence of two taxonomies, it was decided that there was sufficient need for an interim solution to proceed with this effort. Therefore, the taxonomy described in this document was developed to meet this need, at least in the short-run, and to fill the gap that presently exists for the postsecondary education community.

FEATURES OF THE TAXONOMY

Because the 0100-4900 classification series of the present HEGIS taxonomy has been widely accepted and used in one way or another by higher education institutions and agencies to describe "academic subdivisions of knowledge and training," this series was chosen as the core of the new taxonomy. Modifications to this series (0100-4900) in the form of additional subject matter divisions and subject matter specialties to accommodate principally vocational/technical and adult/continuing instructional programs and activities have been made. In addition, a few subject matter specialties in the 0100-4900 series have been deleted and replaced with sets of more detailed categories that are more consistent with the structure and level of detail of the entire taxonomy. The appendix describes these modifications in some detail.

The primary source of the vocational/technical and adult/continuing subject matter areas that have been added to the 0100-4900 core series is the Handbook VI Taxonomy, which contains a relatively comprehensive list of vocational/education subject matter areas. To ensure that nothing has been omitted, section II of the HEGIS taxonomy (the "5000 series" that describes "technological and occupational curricula leading to associate degrees and other awards below the baccalaureate") and a number of other taxonomies have also been considered in developing the proposed taxonomy. The bibliography contains a complete list of the references used in the development effort.

Some of the features of the resulting taxonomy and the criteria used in its development are:

1. The categories in the proposed taxonomy are subject matter divisions and specialties based on similar instructional content and emphasis.
2. The proposed taxonomy is "neutral" with respect to information other than subject matter. That is, the categories in the taxonomy do not reflect information other than subject matter.
3. Four-digit coding, consistent with the current HEGIS format, is used. The first two digits define the major subject matter divisions and the last two digits define subject matter specialties.
4. Short narrative descriptions that describe each of the subject matter divisions and specialties are included in the taxonomy. These have been added in the hope that they will minimize ambiguity in the assignment of activities and programs to categories in the taxonomy.
5. Crossovers between the existing HEGIS and Handbook VI taxonomies and the proposed taxonomy are included.
6. The proposed taxonomy lists and defines both general academic, vocational/technical, and adult/continuing education by subject matter areas in an integrated manner.

CLASSIFICATIONS AND CODING

This taxonomy has been developed to identify, define, and provide a unique code for each of the major subject matter areas presently being taught in postsecondary education institutions. Thirty subject matter divisions and over 535 subject matter specialties have been included in the taxonomy. Each of the subject matter divisions is defined in rather broad terms and then followed by two or more specialties, as appropriate. Although this taxonomy may be closely related to individual courses offered by postsecondary education institutions, it should not be viewed as a list of individual courses, either actual or recommended, for any institution or department.

In utilizing subject matter as the focal point for this effort it has been recognized that a number of other descriptive distinctions, which should be defined and coded independently, must be attached to this taxonomy in order to define and describe further the educational programs and activities. This is true particularly where these data would be used as the basis for state-level postsecondary education planning and decision making. Among the additional distinctions that might be organized into standardized categories and linked to the subject matter areas of the proposed taxonomy are:

- type of organization or institution (for example, university, two-year college, proprietary school)
- level of instructional activity (for example, preparatory, upper division, graduate)
- type of award (for example, diploma, bachelor's degree, doctoral degree)

- type of instructional emphasis (for example, academic, vocational/technical, avocational)

There are obviously other distinctions that might be added to this list, but these four have been identified since they seem to be the most significant ones for postsecondary education that are not directly accommodated in the proposed subject matter taxonomy.

Although a taxonomy of postsecondary education subject matter areas may be complete and up to date when it is first released, it is inevitable that over time new subject matter areas will evolve which may require additional categories in the taxonomy. Given this, an attempt has been made to provide in the proposed taxonomy a flexible structure with the capacity to be expanded or contracted as subject matter distinctions and categories evolve over time.

Although the relationship between the different subject matter divisions and their specialties may be interpreted by some as suggestions on how a postsecondary education institution should organize its instructional offerings, this is not the intent of this proposed taxonomy. While it is desirable that the categories and codes used in the proposed taxonomy be compatible with the organizational structures of institutions that use it, as this will facilitate its use, it is expected that most users will have to perform a certain amount of translation or cross-walking in order to implement the taxonomy.

INDEX AND CROSSOVER TABLE

To provide assistance in identifying the classification titles of the various subject matter divisions and subject matter specialties included in the taxonomy, an alphabetical index of each title and its corresponding code has been included. A crossover table also has been developed and included, which identifies the relationship that exists between the present HEGIS and Handbook VI taxonomies and the taxonomy proposed in this document. This detailed crossover table is based on the numerical sequence of the four-digit codes of the proposed taxonomy. The left-hand column shows the relationship(s) of the present HEGIS taxonomy categories (both the 0100-4900 and 5000-5500 series) to the proposed taxonomy, and the right-hand column shows the same relationship(s) for the Handbook VI categories.

USES OF THE TAXONOMY

The taxonomy has been developed to provide a standardized classification and coding structure that will assist institutions and agencies in organizing information about programs and activities in postsecondary education for both statewide and institutional planning and decision making. The taxonomy may also be useful in organizing information about various postsecondary education research and public service programs, although the applicability of the taxonomy in these areas is untested.

If it were implemented, which is not being recommended, the taxonomy could play a vital role in extending the utility of the PCS to the postsecondary education community and for statewide planning and decision making. Discussion of applications and uses of the PCS in this context can be found in An Examination of Possible Statewide Applications and Extensions of the NCHEMS

Program Classification Structure (Wing and Romney, 1974).

Finally, the taxonomy, particularly if some or all of the additional distinctions mentioned on page 7 (for example, type of organization or institution, type of award) were linked to it, could serve as a partial basis for a wide range of federal and state postsecondary education reporting requirements.

SUMMARY

There is general agreement on the need for standardized and comprehensive structures for cataloging and organizing information on the multitude of instructional programs and activities presently functioning in the various levels and sectors of education. Such structures are needed for internal and external reporting and for planning and management efforts at various levels (for example, department, institution, system, statewide), just to mention two of the most important requirements.

Although considerable effort has gone into the development of the postsecondary education subject matter taxonomy presented in this document and the resulting taxonomy has some advantages over currently available alternatives, the final result is not entirely satisfactory. This is due in part to inadequacies in the foundations upon which the proposed taxonomy has been based (that is, two existing taxonomies, both of which have internal inconsistencies) and in part to the restriction of the taxonomy to a four-digit coding structure. This proposed taxonomy has not attempted to resolve these issues but does seek to lay out issues and alternatives for consideration by others who may be concerned with the development of subject matter taxonomies.

THE PROPOSED TAXONOMY

0100 AGRICULTURE AND NATURAL RESOURCES

0101	Agriculture, general
0102	Agronomy (field crops and crop management)
0103	Soils science (management and conservation)
0104	Animal science (husbandry)
0105	Dairy science (husbandry)
0106	Poultry science
0107	Fish, game, and wildlife management
0108	Horticulture (fruit and vegetable production)
0109	Ornamental horticulture (floriculture and nursery science)
0110	Agricultural and farm management
0111	Agricultural economics
0112	Agricultural business
0114	Forestry
0115	Natural resources management
0117	Range management
0118	Hydrology and water management
0119	Natural resources, general
0120	Plant science
0121	Agricultural mechanics
0122	Nonfood science and technology
0123	Commercial fishery
0124	Marine life cultivation and related areas
0125	Insect and reptile science
0199	Other, specify

0200 ARCHITECTURE AND ENVIRONMENTAL DESIGN

0201	Environmental design, general
0202	Architecture
0203	Interior design
0204	Landscape architecture
0205	Urban architecture
0206	City, community, and regional planning
0207	World planning
0299	Other, specify

0300 AREA STUDIES

0301	Asian studies, general
0302	East Asian studies
0303	South Asian studies
0304	Southeast Asian studies
0305	African studies
0306	Islamic studies
0307	Russian and Slavic studies
0308	Latin American studies
0309	Middle Eastern studies

0310	European studies, general
0311	Eastern European studies
0312	West European studies
0313	American studies
0314	Pacific area studies
0315	Atlantic area studies
0316	Arctic area studies
0317	Antarctic area studies
0318	Area studies, general
0399	Other, specify

0400 BIOLOGICAL SCIENCES

0401	Biology, general
0402	Botany, general
0403	Bacteriology
0404	Plant pathology (phytopathology)
0405	Plant pharmacology
0406	Plant physiology
0407	Zoology, general
0408	Pathology, human and animal
0409	Pharmacology, human and animal
0410	Physiology, human and animal
0411	Microbiology
0412	Anatomy
0413	Histology
0414	Biochemistry
0415	Biophysics
0416	Molecular biology
0417	Cell biology (cytology, cell physiology)
0418	Marine biology
0419	Biometrics and biostatistics
0420	Ecology
0421	Entomology
0422	Genetics
0423	Radiobiology
0424	Nutrition, scientific (excludes nutrition in home economics and dietetics)
0425	Neurosciences
0426	Toxicology
0427	Embryology
0428	Fresh-water biology
0429	Parasitology
0430	Phylogeny
0431	Anthropobiology (physical anthropology)
0432	Developmental biology
0433	Behavioral biology
0434	Biological taxonomy
0499	Other, specify

0500 BUSINESS, COMMERCE, AND MANAGEMENT

0501	Business and commerce, general
0502	Accounting
0503	Business statistics
0504	Banking and finance
0505	Investments and securities
0506	Business management and administration
0507	Operations research
0508	Hotel, institutional, and restaurant management
0509	Marketing and purchasing
0510	Transportation and public utilities
0511	Real estate
0512	Insurance
0513	International business
0514	Secretarial studies
0515	Personnel management
0516	Labor and industrial relations
0517	Business economics
0518	Credit and collections
0599	Other, specify

0600 COMMUNICATIONS

0601	Communications, general
0602	Journalism (printed media)
0603	Radio/television
0604	Advertising
0605	Communication media (use of videotape, films, etc., specifically oriented toward radio/television)
0699	Other, specify

0700 COMPUTER AND INFORMATION SCIENCES

0701	Computer and information sciences, general
0703	Data processing
0704	Computer programming
0706	Artificial intelligence
0707	Information storage and retrieval
0708	Processing equipment operation
0799	Other, specify

0800 EDUCATION

0801	Education, general
0802	Elementary education, general
0803	Secondary education, general
0804	Junior high school education

0805	Higher education, general
0806	Junior and community college education
0807	Adult and continuing education
0808	Special education, general
0809	Administration of special education
0810	Education of the mentally retarded
0811	Education of the gifted
0812	Education of the deaf
0813	Education of the culturally disadvantaged
0814	Education of the visually handicapped
0815	Speech correction
0816	Education of the emotionally disturbed
0817	Remedial education
0818	Special learning disabilities
0819	Education of the physically handicapped
0820	Education of the multiple handicapped
0821	Social foundations (history and philosophy of education)
0822	Educational psychology (include learning theory)
0823	Pre-elementary education
0824	Educational statistics and research
0825	Education testing, evaluation and measurement
0826	Student personnel (counseling and guidance)
0827	Educational administration
0828	Educational supervision
0829	Curriculum and instruction
0830	Reading education
0831	Art education
0832	Music education
0833	Mathematics education
0834	Science education
0835	Physical education
0836	Driver and safety education
0837	Health education (include family life education)
0838	Business, commerce, and distributive education
0839	Industrial arts, vocational, and technical education
0840	Home economics, agriculture, and related education
0841	Foreign language education
0842	Vocational rehabilitation education
0843	Comparative education
0844	Educational experimentation
0845	Educational technologies
0899	Other, specify

0900 TECHNOLOGY

0901	Technology, general
0902	Aerospace, aeronautical, and astronautical technology, general
0903	Agricultural technology, general

0905	Bioengineering and biomedical technology
0906	Chemical technology, general
0907	Petroleum technology
0908	Civil, construction, and transportation technology, general
0909	Electrical, electronics, and communications technology, general
0910	Mechanical technology, general
0911	Geological technology
0912	Geophysical technology
0913	Industrial and management technology, general
0914	Metallurgical technology
0915	Materials technology, general
0916	Ceramics and clay technology
0917	Textile and cordage technology
0918	Mining and mineral technology, general
0919	Applied physics
0920	Nuclear technology
0921	Applied mechanics
0922	Environmental and sanitary technology, general
0923	Naval architecture and marine technology, general
0924	Ocean technology, general
0926	Land and road vehicle technology, general
0927	Military technology, general
0928	Steam, hydraulic, and pneumatic energy technology
0929	Internal combustion and other special engine technology
0930	Fluid distribution technology
0931	Workshop practice, general
0932	Packing and dispatch technology
0933	Machining technology
0934	Traffic planning
0935	Special chemicals technology
0936	Explosives technology
0937	Fuels, heating, and combustion technology
0938	Beverages technology
0939	Stimulants, tobacco, and narcotics technology
0940	Food technology
0941	Preservation technology
0942	Oils, fats, and waxes technology
0943	Glass technology
0944	Gypsum, lime, cement, and allied technology
0945	Color, dye, and paint technology
0946	Various organic chemical technology
0947	Precious metal and gem technology
0948	Iron and steel goods technology
0949	Non-ferrous metal goods technology
0950	Timber and woodwork technology
0951	Leather technology
0952	Paper and pulp technology
0953	Macromolecular materials technology

0954	Stone technology
0955	Various natural processable materials technology
0956	Precision mechanisms, apparatus, machines, and instruments technology
0957	Smithery, farriery, and hand-forged ironwork technology
0958	Ironmongery and hardware technology
0959	Upholstering
0960	Saddlery, footware, and gloves technology
0961	Travel, sport, games, and other equipment technology
0962	Bookbinding technology
0963	Picture frame and mirror technology
0964	Writing, drawing, and artists' materials technology
0965	Clothing technology
0966	Fancy and decorative goods technology
0967	Metal fabrication
0968	Welding, flame cutting, and related work
0969	Electrical assembling, installing, and repairing
0970	Painting, plastering, waterproofing, cementing, and related work
0971	Excavating, grading, paving, and related work
0972	Carpentry (excludes millworking and cabinetmaking)
0973	Masonry (include bricklaying)
0974	Plumbing and pipefitting
0975	Glazing
0976	Roofing
0977	Other structural work
0978	Drafting
0979	Surveying
0999	Other, specify

1000 FINE AND APPLIED ARTS

1001	Fine arts, general
1003	Art history and appreciation
1006	Music history and appreciation (musicology)
1007	Dramatic arts
1008	Dance
1010	Cinematography
1011	Photography
1012	Applied photography
1013	Holography
1014	Photomechanical printing processes
1015	Engraving and printing
1016	Painting
1017	Drawing and sketching
1018	Sculpture and plastic arts
1019	Architecture
1020	Applied music

- 1021 Music composition
- 1022 Music theory
- 1023 Industrial and commercial design
- 1024 Minor arts and crafts (industrial and domestic)
- 1025 Public entertainment
- 1026 Art restoration
- 1027 Modeling and standing-in
- 1099 Other, specify

1100 FOREIGN LANGUAGES

- 1101 Foreign languages, general
- 1102 French
- 1103 German
- 1104 Italian
- 1105 Spanish
- 1106 Russian
- 1107 Chinese
- 1108 Japanese
- 1109 Latin
- 1110 Greek, classical
- 1111 Hebrew
- 1112 Arabic
- 1113 Indian (Asiatic) languages
- 1114 Scandinavian languages
- 1115 Slavic languages (other than Russian)
- 1116 African languages (non-Semitic)
- 1117 Portugese
- 1118 Greek, modern
- 1119 Indian (American) languages
- 1120 Artificial languages
- 1199 Other, specify

1200 HEALTH SERVICES
- 1201 Health services, general
- 1202 Hospital and health care administration
- 1203 Nursing, general
- 1204 Dentistry, general
- 1206 Medicine, general
- 1208 Occupational therapy
- 1209 Optometry
- 1210 Osteopathic medicine
- 1211 Pharmacy
- 1212 Physical therapy and rehabilitation
- 1213 Dental hygiene
- 1214 Public health
- 1215 Medical record librarianship
- 1216 Podiatry or podiatric medicine

1218	Veterinary medicine, general
1220	Speech pathology and audiology
1221	Chiropractic
1222	Clinical social work (medical and psychiatric and specialized rehabilitation services)
1223	Medical laboratory technologies
1224	Dental laboratory technologies
1225	Radiology
1226	Dental public health
1227	Endodontics
1228	Oral pathology
1229	Oral surgery
1230	Orthodontics
1231	Pedodontics
1232	Periodontology
1233	Prosthodontics
1234	Dental assisting
1235	Aerospace medicine
1236	Anesthesiology
1237	Dermatology
1238	Forensic medicine
1239	General practice/family practice
1240	Internal medicine
1241	Neurology
1242	Obstetrics and gynecology
1243	Ophthalmology
1244	Otorhinolaryngology
1245	Pathology, general
1246	Neuropathology
1247	Pediatrics, general
1248	Pediatric allergy
1249	Pediatric cardiology
1250	Preventive medicine, general
1251	Psychiatry, general
1252	Child psychiatry
1253	Surgery, general
1254	Colon and rectal surgery
1255	Neurological surgery
1256	Orthopedic surgery
1257	Plastic surgery
1258	Thoracic surgery
1259	Urology
1260	Medical assisting
1261	Veterinary public health
1262	Veterinary toxicology
1263	Laboratory animal medicine
1264	Theriogenology
1265	Veterinary internal medicine

1266	Veterinary microbiology
1267	Veterinary opthalmology
1268	Veterinary pathology
1269	Veterinary radiology
1270	Veterinary surgery
1271	Veterinary anesthesiology
1272	Veterinary medical assisting
1273	Inhalation therapy
1274	Orthotics and prosthetics
1275	Electrodiagnostics
1276	Blood bank technology
1277	First aid
1278	Safety education
1279	General and personal health and hygiene
1280	Mental health
1281	Mortuary science
1282	Acupuncture
1299	Other, specify

1300 HOME ECONOMICS

1301	Home economics, general
1302	Home decoration and home equipment
1303	Clothing and textiles
1304	Consumer economics and home management
1305	Family relations and child development
1306	Foods and nutrition (include dietetics)
1308	Child care and guidance
1309	Geriatric care
1399	Other, specify

1400 LAW

1401	Law, general
1402	Comparative law
1403	International law
1404	Public law
1405	Criminal law
1406	Private law
1407	Commercial law
1408	Legal procedures and organizations
1499	Other, specify

1500 LETTERS

1501	English, general
1502	Literature, English
1503	Comparative literature
1504	Classics

1505 Linguistics (include phonetics, semantics, and philosophy)
1506 Speech, debate, and forensic science (rhetoric and public address)
1507 Creative writing
1508 Teaching of English as a foreign language
1511 Composition (exclude creative writing)
1599 Other, specify

1600 LIBRARY, ARCHIVAL, AND MUSEUM SCIENCES

1601 Library science, general
1602 Archival science, general
1603 Museum and related administration
1699 Other, specify

1700 MATHEMATICS

1701 Mathematics, general
1702 Statistics, mathematical and theoretical
1703 Applied mathematics (theoretical applications)
1704 Arithmetic
1705 Algebra
1706 Geometry
1707 Trigonometry
1708 Calculus
1709 Special methods of calculation
1799 Other, specify

1800 MILITARY SCIENCES

1801 Military science (Army)
1802 Naval science (Navy, Marines)
1803 Aerospace science (Air Force)
1804 Coastal science (Coast Guard)
1899 Other, specify

1900 PHYSICAL SCIENCES

1901 Physical sciences, general
1902 Physics, general (exclude biophysics)
1903 Molecular and atomic physics
1904 Nuclear physics
1905 Chemistry, general (exclude biochemistry)
1906 Inorganic chemistry
1907 Organic chemistry
1908 Physical chemistry
1909 Analytical chemistry

1910 Pharmaceutical chemistry
1911 Astronomy
1912 Astrophysics
1913 Atmospheric sciences and meteorology
1914 Geology
1915 Geochemistry
1916 Geophysics, general
1917 Earth sciences, general
1918 Paleontology
1919 Oceanography
1920 Metallurgy
1921 Mineralogy
1922 Hydrology
1923 Seismology
1924 Volcanology
1999 Other, specify

2000 PSYCHOLOGY

2001 Psychology, general
2002 Experimental psychology (animal and human)
2003 Clinical psychology
2004 Psychology for counseling
2005 Social psychology
2006 Psychometrics
2008 Industrial psychology
2009 Developmental psychology
2010 Physiological psychology
2011 Abnormal psychology
2012 Special mental conditions
2013 Creativity
2014 Astrology
2099 Other, specify

2100 PUBLIC AFFAIRS AND SERVICES

2101 Community services, general
2102 Public administration
2103 Parks and recreation management
2104 Social work and helping services (other than clinical social work)
2105 Law enforcement and corrections
2106 International public service (other than diplomatic service)
2107 Fire protection
2108 Citizenship
2109 Civil service preparation
2199 Other, specify

2200 SOCIAL SCIENCES

2201 Social sciences, general
2202 Anthropology
2203 Archaeology
2204 Economics
2205 History
2206 Geography
2207 Political science and government
2208 Sociology
2209 Criminology
2210 International relations
2211 Afro-American (black culture) studies
2212 American Indian cultural studies
2213 Mexican-American cultural studies
2214 Urban studies
2215 Demography
2216 Asian-American cultural studies
2217 Women's studies
2299 Other, specify

2300 THEOLOGY

2301 Theological professions, general
2302 Religious music
2303 Biblical languages
2304 Religious education
2305 Ecclesiastical and canonical law
2306 Non-Christian religions and cults
2399 Other, specify

2500 PHILOSOPHY

2501 Metaphysics
2502 Logic
2503 Ethics
2504 Aesthetics
2505 History of philosophy
2506 Religious studies (exclude theological professions)
2599 Other, specify

2600 PHYSICAL EDUCATION AND RECREATION

2601 Adapted physical education
2602 Aquatics
2603 Body dynamics
2604 Group games, contests, and relays
2605 Individual and dual sports
2606 Stunts, tumbling, and gymnastics
2607 Team sports

2608	Outdoor recreation
2609	Self-defense
2610	Games of thought and chance
2699	Other, specify

2700 SERVICE

2701	Food and beverage preparation and service
2702	Barbering, cosmetology, and related service
2703	Other personal service
2704	Animal service
2705	Apparel and furnishings service
2706	Building and related service
2707	Guarding and watching
2708	Telecommunication service
2709	Career development service
2799	Other, specify

2800 SPECIAL COMMUNICATION

2801	Dactylology
2802	Braille
2803	Lip reading
2804	Codes
2805	Cryptography
2806	Pantomime
2899	Other, specify

2900 TRANSPORTATION EQUIPMENT OPERATION

2901	Driver education, general
2902	Truck driving
2903	Railroad transportation, general
2904	Railroad conducting
2905	Water transportation, general
2906	Water transportation, management and operation
2907	Air transportation, general
2908	Air transportation, piloting and navigating
2999	Other, specify

4900 INTERDISCIPLINARY STUDIES

4901	General liberal arts and sciences
4902	Biological and physical sciences
4903	Humanities and social sciences
4904	Technology and other specialties
4905	Futuristics
4906	Systems analysis
4907	High school equivalency preparation
4999	Other, specify

0100 AGRICULTURE AND NATURAL RESOURCES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the production, processing, and management of food, natural fiber, plants, forest, animal, insect, reptile, marine, and wildlife resources.

0101 Agriculture, general

Subject matter related to providing a general overview of the production, processing, and management activities associated with agriculture.

0102 Agronomy (field crops and crop management)

Subject matter related to the production and use of field crops.

0103 Soils science (management and conservation)

Subject matter related to the properties of soils and plants and the principles and practices involved in maintaining soil and plant stability and productivity, including the prevention of erosion, pollution, waterlogging, and exhausting plant nutrients.

0104 Animal science (husbandry)

Subject matter related to the theories, principles, practices, and applications of appropriate technical skills as they apply to producing and managing animals and animal products. (Activities related to the dairy and poultry sciences should be separately identified under codes 0105 and 0106, respectively).

0105 Dairy science (husbandry)

Subject matter related to the theories, principles, practices, and applications of appropriate technical skills as they apply to producing and managing dairy animals and dairy animal products.

0106 Poultry science

Subject matter related to the theories, principles, practices, and applications of appropriate technical skills as they apply to producing and managing poultry animals and poultry animal products.

0107 Fish, game, and wildlife management

Subject matter related to the principles and practices involved in protecting, breeding, hunting, and catching fish, game, and wildlife.

0108 Horticulture (fruit and vegetable production)

Subject matter related to the production and use of fruit and vegetable crops.

0109 Ornamental horticulture (floriculture and nursery science)

Subject matter related to the culture and production of ornamental flowers, plants, shrubs, and trees, and to the establishment, development, and management of ornamental horticulture enterprises.

0100 Agricultural and farm management

Subject matter concerned with agricultural and farm management including farm resource analysis, accounting, production, financing, resource acquisition, purchasing, performance records, contracts, and marketing.

0111 Agricultural economics

Subject matter related to the economics of agricultural production, marketing, resource use, prices, and policies.

0112 Agricultural business

Subject matter concerned with the supplies, materials, and services used in the production phase of agriculture (including agricultural production and distribution theories), and the development and use of managerial tools for control and analyses.

0114 Forestry

Subject matter related to general forestry, forest economics, woodland botany and zoology, conservation of the resources of the woodlands, multiple uses of forest lands and resources, and forest products and their utilization.

0115 Natural resources management

Subject matter related to the general principles and processes involved in the conservation and/or improvement of natural resources such as land, minerals, air, vegetation, and water for economic, recreational, and conservation purposes. (Range management should be separately identified under code 0117.)

0117 Range management

Subject matter related to the animal and plant sciences, soil and water sciences, and other theories, principles, and practices involved in the preservation, expansion, and/or improvement of natural (public or private) range and ranch lands.

0118 Hydrology and water management

Subject matter related to the occurrence, circulation, distribution, and properties of water and its relationship to soils, plants, and animals.

0119 Natural resources, general

Subject matter related to providing a general overview of the history and potential and actual use of the natural resources of the earth (for example, land, forests, mineral deposits, and water).

0120 Plant science

Subject matter related to the principles and practices involved in the culture, production, and protection of agricultural plants, with pest prevention and controls, and with application of this scientific knowledge and these methods with appropriate technical skills in support of plant science agricultural activities.

0121 Agricultural mechanics

Subject matter related to performing and/or assisting with the common and important operations or processes involved in the selection, operation, maintenance, and use of agricultural power, agricultural machinery and equipment, structures and utilities, and agricultural mechanics shop, including kindred sales and services.

0122 Nonfood science and technology

Subject matter related to the principles, processes, and operations involved in the preparation of agricultural nonfood (for example, fiber, plant, and animal) products for marketing and sale for industrial, institutional, and home uses.

0123 Commercial fishery

Subject matter related to techniques for finding fish; shipboard preservation and refrigeration; processing catches afloat and on shore; and operation and maintenance of all fishing gear and power plants.

0124 Marine life cultivation and related areas

Subject matter concerned with caring for, planting, transplanting, or transferring (stocking with) aquatic animal or plant life, including the development and maintenance of a subsistence environment for such life.

0125 Insect and reptile science

Subject matter related to the theories, principles, practice, and applications of appropriate technical skills as they apply to producing and managing insects (for example, bees and silkworms) and reptiles (for example, tortoises and snakes), and products associated with them.

0199 Other, specify

Subject matter concerned with an area(s) of agriculture and/or natural resources not adequately reflected in the above specialties.

0200 ARCHITECTURE AND ENVIRONMENTAL DESIGN

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the designing of buildings, communities, parks, and other manmade aspects of the physiosocial environment including systems and procedures for coordinating and linking their functions and operations.

0201 Environmental design, general

Subject matter concerned with providing a background in the application of principles of spatial and structural design and their interrelationships in man's attempts to create, adapt, alter and control his surroundings through the architecture and environmental design areas.

0202 Architecture

Subject matter related to designing buildings, open spaces, and communities for the satisfaction of human needs.

0203 Interior design

Subject matter concerned with the relationship of various materials and furnishings for designing the interior of a building.

0204 Landscape architecture

Subject matter related to the procedures and techniques available for arranging or modifying the landscape features of an area for esthetic and/or practical reasons.

0205 Urban architecture

Subject matter related to the urban, social, and technological sciences used as the basis to shape or reshape the physical forms of an urban area.

0206 City, community, and regional planning

Subject matter concerned with empirical and theoretical variables necessary to develop a design, scheme, or arrangement for interrelating the physical forms and social systems of a city, community, or region.

0207 World planning

Subject matter concerned with empirical and theoretical variables necessary to develop a design, scheme, or arrangement for interrelating the physical social, and economic systems of the world.

0299 Other, specify

Subject matter concerned with an area(s) of architecture and/or environmental design not adequately reflected in the above specialties.

0300 AREA STUDIES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities designed to study cultures indigenous to specific geographic regions using an interdisciplinary approach.

0301 Asian studies, general

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Asia.

0302 East Asian studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of East Asia (Japan and adjacent islands, and eastern China).

0303 South Asian studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of South Asia (India, Pakistan, Ceylon, Maldive Islands, Nepal, Sikkim, and Bhutan).

0304 Southeast Asian studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Southeast Asia (Burma, Thailand [Siam], Laos, Malaysia, Cambodia, and Vietnam).

0305 African studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Africa, including the South Indian Ocean islands.

0306 Islamic studies

Subject matter related to the religious faith of Muslims, their civilization, and culture, and the countries in which Islam is the dominant religion.

0307 Russian and Slavic studies

Subject matter pertaining to the Russian and Slavic peoples, cultures, and languages, and related geographic considerations.

0308 Latin American studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Middle America (Mexico, Central America, and the West Indies [Antilles]) and South America (Brazil, Argentina, Chile, Bolivia, Peru, Columbia, Panama, Panama Canal Zone, Ecuador, Venezuela, Guiana, Paraguay, and Uruguay).

0309 Middle Eastern studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Minor and adjacent islands, Iraq, and the Eastern Mediterranean (Syria, Lebanon, Israel, and Jordan).

0310 European studies, general

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Europe.

0311 Eastern European studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Eastern Europe (Finland, European Russia, Lithuania, Greece, the Balkan Peninsula, Yugoslavia, Bulgaria, Romania, the Aegean Sea Islands, and Crete).

0312 West European studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of West Europe (Scotland, Ireland, the British Isles, Central Europe, France, Italy and adjacent territories, the Iberian Peninsula and adjacent islands, Scandinavia, the Northwestern Islands, the Netherlands, the southern Low Countries, and Switzerland).

0313 American studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of North America and South America.

0314 Pacific area studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Oceania (the Malay Archipelago, the Sunda Islands, New Zealand, Melanesia, Australia, Papua New Guinea, and other Pacific Ocean Islands).

0315 Atlantic area studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of the Atlantic Ocean Islands (for example, Falklands and dependent islands and St. Helena and dependencies).

0316 Arctic area studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, and so forth of the Arctic islands.

0317 Antarctic area studies

Subject matter related to providing a background in the economics, geography, sociology, anthropology, politics, and so forth of Antarctica.

0318 Area studies, general

Subject matter related to providing a general overview of ancient world and/or modern world area studies.

0399, Other, specify

Subject matter concerned with a region in area studies not adequately reflected in the above specialties.

0400 BIOLOGICAL SCIENCES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to the science of life or living matter in all its forms and biological phenomena, especially the origin, growth, reproduction, and structure of life forms.

0401 Biology, general

Subject matter related to the science of living matter and biological phenomena.

0402 Botany, general

Subject matter related to the biology of plant life.

0403 Bacteriology

Subject matter related to the nature and characteristics of bacteria and other microorganisms.

0404 Plant pathology (phytopathology)

Subject matter related to the nature, causes, and development of diseases of plants.

0405 Plant pharmacology

Subject matter related to the effects of drugs and other substances on plants, and to the development, preparation, and uses of these drugs and other substances.

0406 Plant physiology

Subject matter related to biological functions and activities of plants.

0407 Zoology, general

Subject matter related to the biology of animal life.

0408 Pathology, human and animal

Subject matter related to the nature, causes, and development of human and animal diseases and disorders.

0409 Pharmacology, human and animal

Subject matter related to the effects of drugs and other substances on organs, tissues, and life processes of humans and animals, and to the development, preparation, and uses of these drugs and other substances.

0410 Physiology, human and animal

Subject matter related to the biological functions and activities of human and animal organisms under normal and abnormal conditions.

0411 Microbiology

Subject matter related to the morphology, physiology, metabolism, and growth of microorganisms such as viruses, fungi, aerobic and anaerobic bacteria, antitoxins, antibiotics, antigens, and bacteriophage, and their effects on other organisms.

0412 Anatomy

Subject matter related to the structure of a living organism or any of its parts.

0413 Histology

Subject matter related to the minute structures of plant and animal tissues as discernible with a microscope.

0414 Biochemistry

Subject matter related to the chemical composition and processes of living matter and biological phenomena.

0415 Biophysics

Subject matter related to the application of physical principles and methods to the structure, composition, and processes of living matter and biological phenomena.

0416 Molecular biology

Subject matter related to the living organism at the molecular level, giving consideration to such things as molecular structure and processes, metabolic energy, respiration, photosynthesis, DNA, and RNA.

0417 Cell biology (cytology, cell physiology)

Subject matter related to the morphology, structure, and composition of cells, cell irritability and sensitivity to stimuli, cell division, cell movement, cell colonies, and so forth.

0418 Marine biology

Subject matter related to the structure, composition, life processes, functions, and interrelationships of salt water.

0419 Biometrics and biostatistics

Subject matter related to the measurements and statistics used in connection with living matter in all its forms and biological phenomena.

0420 Ecology

Subject matter related to the spacing, interdependence, and relations between organisms and their environments.

0421 Entomology

Subject matter related to the biology of insect life.

0422 Genetics

Subject matter related to the heredity and variation of organisms, and to the mechanisms by which these are affected.

0423 Radiobiology

Subject matter related to the interaction of biological systems and radiant energy or radioactive materials.

0424 Nutrition, scientific (excludes nutrition in home economics and dietetics)

Subject matter related to the biochemical and physiological processes by which plants and animals take in, absorb, and transport food substances for promoting and sustaining life processes.

0425 Neurosciences

Subject matter related to the nervous system(s) of living matter.

0426 Toxicology

Subject matter related to the symptoms and detection, antidotes, and effects of poisons and other harmful substances on living matter.

0427 Embryology

Subject matter related to the origin, formation, development, growth, structure, and functions of an embryo.

0428 Fresh-water biology

Subject matter related to the structure, composition, and life processes of freshwater organisms.

0429 Parasitology

Subject matter related to the structure, composition, and life processes of plant and animal parasites.

0430 Phylogeny

Subject matter related to the evolution of a genetically related group of organisms as distinguished from the development of an individual organism.

0431 Anthropobiology (physical anthropology)

Subject matter related to the structure, composition, life processes, and evolution of prehistoric-, ancient-, and modern-world human beings.

0432 Developmental biology

Subject matter related to processes and events in biological development, including growth, cellular differentiation, and morphogenesis.

0433 Behavioral biology

Subject matter related to the ways in which an organism responds to stimuli, its activity or change in relation to the environment, conditioning tropisms, irritability, and innate and learned behavior.

0434 Biological taxonomy

Subject matter related to the nomenclature and classification of plants, animals, and other biological phenomena, and the logic and method of such classification.

0499 Other, specify

Subject matter concerned with an area(s) of biological sciences not adequately reflected in the above specialties.

0500 BUSINESS, COMMERCE, AND MANAGEMENT

Subject matter designations which characterize students, faculty, facilities, and instruction, research and public services activities related to the attitudes, organization, operation, administration and control of private and public organizations.

0501 Business and commerce, general

Subject matter concerned with the development of attitudes, knowledge, skills, and understanding related to business principles and practices having applications in the world of business and commerce.

0502 Accounting

Subject matter concerned with the principles, procedures, and theory of organizing, maintaining, and auditing business and financial transactions.

0503 Business statistics

Subject matter concerned with the collection, classification, analysis, interpretation, and presentation of quantitative facts and data that relate to and provide insights into business activities.

0504 Banking and finance

Subject matter related to the financial sector of the economy and the internal and external financial operations of business enterprises, financial lending and/or investment firms, and other governmental or nongovernmental organizations and agencies.

0505 Investments and securities

Subject matter concerned with sources of capital, types of securities, methods of financing, principles of investing, policies of investing, and kinds of financial and investment institutions.

0506 Business management and administration

Subject matter concerned with management functions, policies, interrelationships, and practical experiences required for decision making, policy formulation, and implementing and carrying out plans of action.

0507 Operations research

Subject matter related to the application of mathematical and analytical techniques (for example, models, programming, forecasting, analysis) in the design, implementation, monitoring, and control of organizational processes and operations to determine their purpose, their effectiveness, and means for attaining maximum efficiency.

0508 Hotel, institutional, and restaurant management

Subject matter related to specialized management techniques required in the lodging and food service industries.

0509 Marketing and purchasing

Subject matter concerned with analyzing the market for a product or service, planning and developing a product or service, determining the most appropriate distribution channels, pricing the product or service, and promoting it; and with purchasing, storing, and distributing a product or service.

0510 Transportation and public utilities

Subject matter related to the economic characteristics, activities, regulations, roles, and management of various forms of transportation and public utilities and their supporting services.

0511 Real estate

Subject matter related to the buying, selling, appraising, renting, managing, and leasing of real property.

0512 Insurance

Subject matter concerned with the principles of personal and/or business insurance and their application in such things as life, disability, property, and liability underwriting.

0513 International business

Subject matter related to export sales, trade controls, foreign operations, attitudes, monetary problems, and other areas of concern in the international business environment as it affects or is affected by a company's policies, procedures, and products.

0514 Secretarial studies

Subject matter concerned with making, classifying, and filing records (including written communications), taking and transcribing dictation, operating a variety of office machines, and expediting and facilitating the operations of an office.

0515 Personnel management

Subject matter related to the methods, principles, procedures, and understandings necessary for job evaluation, motivation, labor relations, work environments, leadership, and personality.

0516 Labor and industrial relations

Subject matter concerned with understanding public and private labor movements; interpreting federal and state legislation; comprehending the functions and responsibilities related to labor relations boards; and understanding union contracts and labor negotiation, conciliation, arbitration, and grievance procedures.

0517 Business economics

Subject matter concerned with the production, distribution, and consumption of goods and services related to business enterprises, and with means for analyzing and assessing the effects various public and private policies have on businesses and the economy.

0518 Credit and collections

Subject matter concerned with the theories, principles, legal constraints, and techniques related to granting and collecting credit; with the economic significance of credit and collections; and with the relationship of credit and collections to sales and profit objectives.

0599 Other, specify

Subject matter concerned with some business, commerce, and/or management area not reflected adequately in the specialties listed.

0600 COMMUNICATIONS

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public servic activities related to the collection, preparation, and presentation of ideas and information intended for popular consumption through the mass media.

0601 Communications, general

Subject matter related to developing attitudes, knowledge, understanding, and skills concerned with communicating particular points of view, information, and so forth through the mass media.

0602 Journalism (printed media)

Subject matter related to the knowledge and skills necessary for reporting, writing, photographing, editing, and publishing information through the mass media.

0603 Radio/television

Subject matter related to the knowledge and skills appropriate for commercial and noncommercial broadcasting and telecasting.

0604 Advertising

Subject matter related to the planning, development, and distribution of advertising materials to describe or present a product, organization, idea, and so forth.

0605 Communication media (use of videotape, films, etc., specifically oriented toward radio/television)

Subject matter related to the development and use of videotape, films, and so forth in the radio and/or television fields.

0699 Other, specify

Subject matter concerned with some other area of communications not reflected adequately in the specialties listed.

0700 COMPUTER AND INFORMATION SCIENCES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public services activities having to do with the design, development, application, and maintenance of computer capabilities for data storage, data manipulation, and related computational procedures.

0701 Computer and information sciences, general

Subject matter concerned with providing a general overview and background in the computer and information sciences.

0703 Data processing

Subject matter concerned with the applications of computer and information sciences for the management of such areas as manufacturing, distribution, marketing, merchandising, education, and research.

0704 Computer programming

Subject matter concerned with such things as processors, programming languages, supervisory systems, utility programs, and so forth.

0706 Artificial intelligence

Subject matter concerned with the applications of computer and information sciences for such things as induction and hypothesis formulation; learning and adaptive systems; problem solving; simulation of natural systems; and so forth.

0707 Information storage and retrieval

Subject matter concerned with the applications of computer and information sciences for such things as content analysis, evaluation of systems, file maintenance, searching, and so forth.

0708 Processing equipment operation

Subject matter related to the operation of electrical/mechanical equipment either independently, in support of, and/or auxiliary to, the computer.

0799 Other, specify

Subject matter concerned with an area(s) of computer and information sciences not reflected adequately in the specialties listed.

0800 EDUCATION

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to educational activities, programs, and operations. The emphasis is the education and training of teachers of particular topics or types of students rather than instruction related to specific subject matter areas.

0801 Education, general

Subject matter related to providing a general discussion of the potential growth, sequence, and management activities associated with education and the activities and services it can provide.

0802 Elementary education, general

Subject matter related to the educational activities, programs, and operations of the period of formal education beginning in childhood and ending with adolescence, commonly including grades one to six.

0803 Secondary education, general

Subject matter related to the educational activities, programs, and operations of the period of formal education planned especially for young people (usually between the ages of twelve and seventeen years, inclusive), commonly including grades seven to twelve.

0804 Junior high school education

Subject matter related to the educational activities, programs, and operations of secondary education that happen between elementary education and senior high school education, commonly including grades seven and eight, and often including grade nine.

0805 Higher education, general

Subject matter related to those educational activities, programs, and operations that occur after secondary education that generally are aimed toward baccalaureate or more advanced degree levels.

0806 Junior and community college education

Subject matter related to those educational activities, programs, and operations that occur after secondary education that generally are aimed toward degrees, diplomas, or certificates at less than baccalaureate levels.

0807 Adult and continuing education

Subject matter concerned with organized and sequential learning experiences designed to meet the needs of adults whose principal occupations have ceased to be those of students.

0808 Special education, general

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who deviate so far physically, mentally, emotionally, or socially from the relatively homogeneous group of so-called "normal" students that the standard curriculum is not suitable (for example, students who are mentally retarded, gifted, deaf, visually handicapped, culturally disadvantaged, speech impaired, emotionally disturbed).

0809 Administration of special education

Subject matter concerned with the development, organization, and management of facilities, staff, students, and other resources of special education activities, programs, and operations.

0810 Education of the mentally retarded

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who are mentally handicapped.

0811 Education of the gifted

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who are intellectually and/or artistically gifted.

0812 Education of the deaf

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who have a significant or total loss of hearing.

0813 Education of the culturally disadvantaged

Subject matter related to educational activities, programs, and operations designed to meet the assimilation and other physical, mental, and emotional needs of students whose educational development is retarded by social, cultural, or economic deprivation.

0814 Education of the visually handicapped

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who have a significant or total loss of sight.

0815 Speech correction

Subject matter concerned with the causes and treatment of speech difficulties through the use of organized and sequential learning experiences and activities.

0816 Education of the emotionally disturbed

Subject matter related to educational activities, programs, and operations designed to meet the needs of students who are emotionally maladjusted.

0817 Remedial education

Subject matter related to educational activities, programs, and operations intended to overcome wholly or in part any particular deficiency of a student not due to inferior general ability (for example, remedial reading, remedial mathematics).

0818 Special learning disabilities

Subject matter concerned with the theory, diagnosis, and remediation of learning disabilities due to a combination of physical, emotional, social, and cultural deficiencies.

0819 Education of the physically handicapped

Subject matter related to educational activities, programs, and operations designed to meet the needs of students with various physical disabilities.

0820 Education of the multiple handicapped

Subject matter related to educational activities, programs, and operations designed to meet the needs of students with multiple disabilities (for example, individuals with visual and hearing impairments).

0821 Social foundations (history and philosophy of education)

Subject matter concerned with an analysis of the social values, forces, and policies in a culture, as they influence the history, aims, philosophies, methods, content, issues, and problems of that culture's educational enterprise.

0822 Educational psychology (include learning theory)

Subject matter concerned with the investigation of psychological problems involved in education, the application of psychological principles to education, and the determination of the nature of teaching.

0823 Pre-elementary education

Subject matter related to educational activities, programs, and operations designed for young children (usually between the ages of three and five years), commonly including nursery school and kindergarten.

0824 Educational statistics and research

Subject matter concerned with the design, execution, and evaluation of research studies and statistics related to education.

0825 Education testing, evaluation and measurement

Subject matter concerned with such things as aptitude, intelligence, vocational interest, and personality tests and their uses in measuring, appraising, and evaluating students and educational activities, programs, and operations.

0826 Student personnel (counseling and guidance)

Subject matter related to services, primarily of a consultative nature, concerned with the total welfare of the student (for example, educational and vocational counseling, student organization coordination services).

0827 Educational administration

Subject matter concerned with developing, planning, administering, controlling, managing, and evaluating educational activities, programs, and operations.

0828 Educational supervision

Subject matter concerned with providing leadership, organization, and management to instructors and other educational personnel for the purpose of improving instruction.

0829 Curriculum and instruction

Subject matter concerned with designing educational activities and programs and providing for their instruction for the purpose of facilitating learning.

0830 Reading education

Subject matter concerned with methodology and theory related to the instruction of reading.

0831 Art education

Subject matter concerned with methodology and theory related to the instruction of art.

0832 Music education

Subject matter concerned with methodology and theory related to the instruction of music.

0833 Mathematics education

Subject matter concerned with methodology and theory related to the instruction of mathematics.

0834 Science education

Subject matter concerned with methodology and theory related to the instruction of science.

0835 Physical education

Subject matter concerned with methodology and theory related to the instruction of physical education.

0836 Driver and safety education

Subject matter concerned with methodology and theory related to the instruction of driver and safety education.

0837 Health education (include family life education)

Subject matter concerned with methodology and theory related to the instruction of health education, including family life education.

0838 Business, commerce, and distributive education

Subject matter concerned with methodology and theory related to the instruction of business, commerce, and/or distributive education.

0839 Industrial arts, vocational, and technical education

Subject matter concerned with methodology and theory related to the instruction of industrial arts, vocational and technical education.

0840 Home economics, agriculture, and related education

Subject matter concerned with methodology and theory related to the instruction of home economics, agriculture, and related education.

0841 Foreign language education

Subject matter concerned with methodology and theory related to the instruction of foreign languages.

0842 Vocational rehabilitation education

Subject matter concerned with methodology and theory related to preparing disabled persons for remunerative employment through diagnosis, guidance, physical restoration, training, and placement.

0843 Comparative education

Subject matter concerned with the comparison of educational theories and practices in different countries for the purpose of broadening and deepening understanding of educational problems beyond the boundaries of one's own country.

0844 Educational experimentation

Subject matter concerned with innovative educational practices, particularly those involving techniques and procedures different from those commonly used in current educational activities and programs, possibly based on an essentially different philosophy of education.

0845 Educational technologies

Subject matter concerned with providing a background in the use of various technologies and their relationship to instructional activities, programs, and operations (for example, audio/visual instruction, computer-aided instruction, computer-managed instruction).

0899 Other, specify

Subject matter concerned with an area(s) of education not reflected adequately in the specialties listed.

0900 TECHNOLOGY

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with principles and theories related to the application of basic scientific knowledge to the design, planning, development, production, construction, installation, operation, maintenance, repairing, and reconditioning of systems, machines, and other things intended to facilitate man's control and use of the environment.

0901 Technology, general

Subject matter concerned with providing a general overview of the interrelationships and distinctions related to the various areas of engineering, industrial arts, and other applied sciences.

0902 Aerospace, aeronautical, and astronautical technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of aerospace, aeronautical, and astronautical structural parts, coupling and towing gear, lifting and control members, landing and take-off gear, observing and signalling equipment, propulsion systems, and so forth.

0903 Agricultural technology, general

Subject matter concerned with the application of technology to agricultural problems and with such things as the design, development, manufacture, construction, installation, maintenance, and repair of agricultural machinery, structures, and equipment.

0905 Bioengineering and biomedical technology

Subject matter concerned with applying technological concepts, principles, and practices to human and other living systems.

0906 Chemical technology, general

Subject matter concerned with basic principles and practices related to chemical technology such as general chemical processes, heat transfer, the handling and treatment of liquids and gases, physical and physical-chemical operations, and special chemical processes and treatments.

0907 Petroleum technology

Subject matter concerned with such things as developing processes for refining crude oil, and the design, development, construction, installation, maintenance, and repair of refining plants.

0908 Civil, construction, and transportation technology, general

Subject matter concerned with such things as general construction work; engineering structures; structural elements; calculations; and railway, highway, road, and hydraulic technology.

0909 Electrical, electronics, and communications technology, general

Subject matter concerned with such things as power supply, distribution, and control; applied electrochemistry, cells, and batteries; thermo-electricity; electric and electromagnetic waves, oscillations, and pulses; electronics, photocells, and discharge tubes; and telecommunication.

0910 Mechanical technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of mechanically functioning equipment.

0911 Geological technology

Subject matter concerned with the application of technology to geological problems (for example, mechanical, physical, and chemical-geological methods such as drilling, coring, and soil and gas analysis).

0912 Geophysical technology

Subject matter concerned with the application of technology to geophysical problems.

0913 Industrial and management technology, general

Subject matter concerned with methods to promote the efficient, safe, and economic utilization of personnel, materials, and equipment (for example, time and motion studies).

0914 Metallurgical technology

Subject matter concerned with such things as the development and control of processes for extraction of metals from their ores and metal refining; research into properties of metals; development of new alloys; and design, construction, installation, maintenance, and repair of metal and alloy manufacturing and processing plants.

0915 Materials technology, general

Subject matter concerned with the physical properties of materials other than metals (for example, plastics and rubbers) and with the effects of these properties on systems and things constructed from the specified materials.

0916 Ceramics and clay technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of clay- and ceramic-ware, porcelain, china, pottery, and so forth.

0917 Textile and cordage technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of plant or vegetable fibers, animal hairs, mineral fibers, synthetic fibers, cordage, trimmings, fabrics, and so forth.

0918 Mining and mineral technology, general

Subject matter concerned with such things as the extraction from the earth and preparation for distribution or processing of minerals.

0919 Applied physics

Subject matter concerned with the technological applications of knowledge about matter and energy and their interactions.

0920 Nuclear technology

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of mechanical plants and equipment for the release, control, and utilization of nuclear energy.

0921 Applied mechanics

Subject matter concerned with the technological applications of knowledge about such things as kinematics, statics, dynamics, gravitation, friction, mechanical energy, and so forth; fluid mechanics; and gas mechanics.

0922 Environmental and sanitary technology, general

Subject matter concerned with such things as water supply and water works; drainage and sewerage; water purification; sewage disposal and sanitation; and industrial waste disposal and sanitation.

0923 Naval architecture and marine technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of ships and their propulsion systems, power plants, heating and ventilating systems, steering gear, pumps, and other mechanical and electrical equipment.

0924 Ocean technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of fixed underwater structures (for example, off-shore oil drilling platforms).

0926 Land and road vehicle technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of primitive and simple conveyances, animal-drawn vehicles, mechanically propelled (motor) vehicles, cycles, motor cycles, scooters, and so forth.

0927 Military technology, general

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of ordnance (for example, guns, small arms, ammunition, war gases).

0928 Steam, hydraulic, and pneumatic energy technology

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of stationary steam engines, steam boilers, hydraulic turbines, pneumatic apparatus and machines, refrigerating machines, heat pumps, and so forth.

0929 Internal combustion and other special engine technology

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of internal combustion, piston, rocket, and jet engines; gas turbines; and so forth.

0930 Fluid distribution technology

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of fluid containers, pipes, closures, pumps, and so forth.

0931 Workshop practice, general

Subject matter concerned with metal- and plastic-working techniques such as pattern and die making; forge and hammer work; foundry work; tool making, gauging, fitting, and assembling; rolling, drawing, working (in solid state) sheets and sections; heat treatment; welding and allied techniques; and so forth.

0932 Packing and dispatch technology

Subject matter concerned with such things as the design, development, manufacture, construction, installation, maintenance, and repair of packing containers, accessories, and so forth.

0933 Machining technology

Subject matter concerned with such things as roughing, planing, shaping, slotting, abrading, grinding, polishing, crushing, sawing, turning, drilling, reaming, perforating, shearing, hammering, screw cutting, and so forth.

0934 Traffic planning

Subject matter concerned with such things as the routing and control of traffic to promote safety and minimize congestion.

0935 Special chemicals technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of sulphur and compounds, potassium and sodium compounds, halogens, halides, nitrogen compounds, and so forth.

0936 Explosives technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of fireworks, pyrotechnics, high explosives, gunpowders, detonators, matches, and so forth.

0937 Fuels, heating, and combustion technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of bituminous coal, liquid fuels, briquettes, and so forth.

0938 Beverages technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of wines, beers, distilled liquors, carbonated beverages, and so forth.

0939 Stimulants, tobacco, and narcotics technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of coffee, cocoa, tea, tobacco, opium, hashish, and so forth.

0940 Food technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of sugar, starches, spices, condiments, and so forth.

0941 Preservation technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of fruit, vegetable and, synthetic substances for the preservation of food products.

0942 Oils, fats, and waxes technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of animal oils, fats, and waxes; vegetable oils, fats, waxes, and phosphatides; mineral oils and waxes; and so forth.

0943 Glass technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of glass, glassware, enamels, and so forth.

0944 Gypsum, lime, cement, and allied technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of gypsum, lime, cement, mortar, concrete, and so forth.

C945 Color, dye, and paint technology

Subject matter concerned with such things as designing, developing and controlling processes and plants for the manufacture of dyestuffs, writing inks, printing inks, paints, varnishes, lacquers, and so forth.

0946 Various organic chemical technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of soaps, glycerin, adhesives, cosmetics, and so forth.

0947 Precious metal and gem technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of gold and silver objects (for example, coins, medals), the cutting and setting of gems, and so forth.

0948 Iron and steel goods technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of cutlery, chains, anchors, tin-ware, pins, needles, and so forth.

0949 Nonferrous metal goods technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of copper-, brass-, and bronze-ware, and so forth.

0950 Timber and woodwork technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of lattice-work, barrels, casks, kegs, household and kitchen articles, cork, and so forth.

0951 Leather technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of leather (for example, the tanning, dressing, and dyeing of leather).

0952 Paper and pulp technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of pulp; writing, printing, and drawing papers; wallpaper; cardboard; and so forth.

0953 Macromolecular materials technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of rubber, plastic, and so forth.

0954 Stone technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of natural building stones, and so forth.

0955 Various natural processable materials technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of amber, meerschaum, coral, mother-of-pearl, and so forth.

0956 Precision mechanisms, apparatus, machines, and instruments technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of wheel mechanisms, clockwork, weighing machines, optical apparatus, musical instruments, and so forth.

0957 Smithery, farriery, and hand-forged ironwork technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of horseshoes, forged tools, furnishing ironwork, building ironwork, and so forth.

0958 Ironmongery and hardware technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of locks, lanterns, stoves, and so forth.

0959 Upholstering

Subject matter concerned with such things as furniture, automobile seats, casket linings, mattresses, and bedsprings.

0960 Saddlery, footware, and gloves technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of saddles, harnesses, spurs, boots, shoes, gloves, and so forth.

0961 Travel, sport, games, and other equipment technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of trunks, suitcases, tents, sleeping bags, umbrellas, balls, rackets, bats, climbing and mountaineering equipment, cards, dice, games equipment, and so forth.

0962 Bookbinding technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of book bindings, casings, and so forth.

0963 Picture frame and mirror technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of picture frames, mirrors, and so forth.

0964 Writing, drawing, and artists' materials technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of stationery, pens, pencils, rulers, staples, and so forth.

0965 Clothing technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of suits, trousers, dresses, skirts, underwear, stockings, overcoats, and so forth.

0966 Fancy and decorative goods technology

Subject matter concerned with such things as designing, developing, and controlling processes and plants for the manufacture of small cases, caskets, holders, handbags, artificial flowers, toys, wall decorations, pipes, ashtrays, and so forth.

0967 Metal fabrication

Subject matter concerned with fabricating, erecting, and repairing building frames and ornamental metalwork, bridges, trestles, marine craft and structures, boilers, storage tanks, drilling rigs, towers, and other structures generally assembled from heavy structural plates, beams, and castings; with assembling vehicle bodies, airframes, prefabricated door casings and window frames, air ducts, and other structural units assembled from stock or preformed sheet metal and structural shapes; and with assembling or repairing boats, automobile bodies, and other structural units partially or entirely constructed of rigid plastics or fiberglass.

0968 Welding, flame cutting, and related work

Subject matter concerned with joining, surfacing, or otherwise fabricating or repairing structures or parts, using gas or electric welding, soldering, or brazing equipment with or without filler material; with fusing to join or shape lead products or parts, using a gas torch; and with cutting or perforating metal, using gas or electric cutting equipment.

0969 Electrical assembling, installing, and repairing

Subject matter concerned with assembling, installing, erecting, and repairing electrical equipment and related structures designed for electric power generation, transmission, and distribution; with communication, signaling, and object detection; with process control, fire control, and data processing; with transportation and materials-handling; with heating, air conditioning, refrigeration, and illumination; and with other industrial, commercial, and domestic electrical applications.

0970 Painting, plastering, waterproofing, cementing, and related work

Subject matter concerned with preparing surfaces to be covered; with mixing coating ingredients; with erecting scaffolding; and with applying protective or decorative materials, such as cement, concrete, lacquer, paint, plaster, and wallpaper, to structural surfaces by spraying, brushing, troweling, or hand-pressing.

0971 Excavating, grading, paving, and related work

Subject matter concerned with operating heavy earth-moving equipment in removal and placement of earth materials and grading earth surfaces; with laying concrete and other hard-surface paving materials in highway, airport, and related construction; with building surface or subsurface drainage systems and pipelines; and with related activities including blasting, haulage, and pick-and-shovel work.

0972 Carpentry (excludes millworking and cabinetmaking)

Subject matter concerned with the layout, fabrication, assembly, installation, and repair of structural units; the care and use of hand and power tools, equipment, and materials; and common systems of frame construction.

0973 Masonry (includes bricklaying)

Subject matter concerned with the cutting, chipping, and fixing in position of concrete, brick, and glass blocks using bonding materials and hand tools.

0974 Plumbing and pipefitting

Subject matter concerned with pipecutting, bending, and threading so that layout, assembly, installing, altering, and repairing piping systems, including related fixtures and fittings, will be handled efficiently and effectively.

0975 Glazing

Subject matter concerned with preparing, fitting, and installing glass in structures and other openings of buildings.

0976 Roofing

Subject matter concerned with covering roofs and exterior walls of structures with waterproofing or insulating materials.

0977 Other structural work

Subject matter concerned with an area(s) of structural work not reflected adequately in the specialties listed.

0978 Drafting

Subject matter concerned with gathering and translating data or specifications, including the aspects of planning, preparing, and interpreting mechanical, architectural, structural, pneumatic, marine, electrical/electronic, topographical, and other drawings and sketches.

0979 Surveying

Subject matter concerned with determining and identifying the shape, contour, location, and dimensions of land or land features.

0999 Other, specify

Subject matter concerned with an area(s) of technology not reflected adequately in the specialties listed.

1000 FINE AND APPLIED ARTS

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the creation and appreciation of the diverse modes of communicating ideas and emotions by means of stylized, visual, and nonvisual representations and symbols.

1001 Fine arts, general

Subject matter concerned with providing a general overview of the visual, space, tactile, and kinesthetic means of artistic expression.

1003 Art history and appreciation

Subject matter concerned with the history, role, and significance of visual arts in relation to human affairs and with providing an understanding and appreciation of various art forms

1006 Music history and appreciation (musicology)

Subject matter concerned with the history, role, and significance of music in relationship to human affairs and with providing an understanding and appreciation of various musical forms.

1007 Dramatic arts

Subject matter concerned with the development, production, performance, adaptation, and interpretation of drama.

1008 Dance

Subject matter concerned with the development, techniques, composition, and choreography of dance.

1010 Cinematography

Subject matter concerned with the act, process, or art of motion picture production.

1011 Photography

Subject matter concerned with the act, process, or art of setting up, taking, and developing images on a sensitized surface by the action of light or other radiant energy.

1012 Applied photography

Subject matter concerned with applications of photography for home, commercial, and industrial uses (for example, photocopying, photomicrography, ultraviolet and infrared photography, electrophotography).

1013 Holography

Subject matter concerned with the theory, process, or art of such things as interferometers, transmission holograms, and reflection and rainbow holograms.

1014 Photomechanical printing processes

Subject matter concerned with the act, process, or art of photomechanical printing (for example, photolithography, photoengraving).

1015 Engraving and printing

Subject matter concerned with the act, process, or art of engraving and printing (for example, relief engraving, woodcuts, intaglio engraving, etching, flat printing, lithography).

1016 Painting

Subject matter concerned with the act, process, or art of graphic expression in which objects are represented and in which ideas and feelings are given form by laying pigments on a surface with a brush or other implement.

1017 Drawing and sketching

Subject matter concerned with the act, process, or art of depicting objects and ideas on a surface with pencil, crayon, pen, brush, or other graphic means.

1018 Sculpture and plastic arts

Subject matter concerned with the act, process, or art of depicting objects and ideas in three dimensions by carving, cutting, or otherwise processing plastic or hard materials, and with changing malleable materials into art products through such things as modeling and molding (for example, stone and metal cutting and engraving, numismatics, pottery).

1019 Architecture

Subject matter concerned with the aesthetics of structures.

1020 Applied music

Subject matter concerned with the performance of tonal sequences and combinations (for example, vocal, instrumental).

1021 Music composition

Subject matter concerned with the creation and arrangement of tonal sequences and combinations.

1022 Music theory

Subject matter concerned with such things as the principles of music and its foundations.

1023 Industrial and commercial design

Subject matter concerned with the act, process, or art of designing objects for commercial and industrial uses (for example, automobiles, furniture, utensils).

1024 Minor arts and crafts (industrial and domestic)

Subject matter concerned with the creation of such things as decorative, ornamental, and art handicrafts; art needlework and needlecrafts; industrial crafts; and so forth.

1025 Public entertainment

Subject matter concerned with the act, process, or art of entertaining the public (for example, equilibrists, ventriloquists, clowns, conjurers).

1026 Art restoration

Subject matter concerned with the theory, act, or process of maintaining and restoring art works (for example, painting restoration).

1027 Modeling and standing-in

Subject matter concerned with posing for painters and photographers, and standing-in for actors and actresses, including stunt men and women.

1099 Other, specify

Subject matter concerned with an area(s) of fine and applied arts not reflected adequately in the specialties listed.

1100 FOREIGN LANGUAGES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to mastery of a language other than English or related to the study of a foreign culture through exploration of the literature of that culture as expressed in the vernacular language.

1101 Foreign languages, general

Subject matter concerned with providing a general overview of the languages, literatures, and cultures of people who speak (or spoke) languages other than English.

1102 French

Subject matter related to the language, literature, and culture of French-speaking people.

1103 German

Subject matter related to the language, literature, and culture of German-speaking people.

1104 Italian

Subject matter related to the language, literature, and culture of Italian-speaking people.

1105 Spanish

Subject matter related to the language, literature, and culture of Spanish-speaking people.

1106 Russian

Subject matter related to the language, literature, and culture of Russian-speaking people.

1107 Chinese

Subject matter related to the language literature, and culture of Chinese-speaking people.

1108 Japanese

Subject matter related to the language, literature, and culture of Japanese-speaking people.

1109 Latin

Subject matter related to the language, literature, and culture of Latin-speaking people.

1110 Greek, classical

Subject matter related to the language, literature, and culture of Greek-speaking people in classical times.

1111 Hebrew

Subject matter related to the language, literature, and culture of Hebrew-speaking people.

1112 Arabic

Subject matter related to the language, literature, and culture of Arabic-speaking people.

1113 Indian (Asiatic) languages

Subject matter related to the language, literature, and culture of Indian-language-speaking peoples of Asia (for example, Hindi, Urdu, Bengali).

1114 Scandinavian languages

Subject matter related to the language, literature, and culture of Scandinavian-language-speaking peoples (for example, Danish, Icelandic, Norwegian, Swedish).

1115 Slavic languages (other than Russian)

Subject matter related to the language, literature, and culture of Slavic-language-speaking peoples other than Russians (for example, Ukrainian, Polish, Czech, Bulgarian).

1116 African languages (non-Semitic)

Subject matter related to the language, literature, and culture of African-language-speaking peoples (for example, Egyptian, Coptic, Berber, Swahili).

1117 Portuguese

Subject matter related to the language, literature, and culture of Portuguese-speaking people.

1118 Greek, modern

Subject matter related to the language, literature, and culture of Greek-speaking people in the modern world.

1119 Indian (American) languages

Subject matter related to the language, literature, and culture of Indian-language-speaking peoples of North, Central, and South America (for example, Navajo, Sioux, Quechua).

1120 Artificial languages

Subject matter concerned with reading, writing, conversing, and other skills related to artificial languages (for example, Esperanto, Volapük).

1199 Other, specify

Subject matter concerned with an area(s) of foreign language not reflected adequately in the specialties listed.

1200 HEALTH SERVICES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the maintenance and restoration of physical and mental health.

1201 Health services, general

Subject matter concerned with diagnostic, therapeutic, preventive, restorative, and rehabilitative services related to personal, school, and community health.

1202 Hospital and health care administration

Subject matter concerned with planning, organizing, directing, and managing the staff, finances, and facilities of a hospital or other health care facility.

1203 Nursing, general

Subject matter concerned with providing care for sick, disabled, infirm, or other individuals by such things as administering medications and treatments, assisting a physician during treatment, and examining patients.

1204 Dentistry, general

Subject matter concerned with providing care for the oral region, its associated structures, and the hard and soft tissues of the mouth.

1206 Medicine, general

Subject matter concerned with such things as diagnosing disorders, preventing infection or disease, preserving an individual's health, and easing pain caused by a disease, injury, or illness.

1208 Occupational therapy

Subject matter concerned with medically oriented vocational, educational, recreational, or other activities designed to rehabilitate physically or mentally disabled persons.

1209 Optometry

Subject matter concerned with being able to test, determine defects, and prescribe corrective means for decreasing deficiencies in an individual's vision.

1210 Osteopathic medicine

Subject matter concerned with diagnosing and treating disorders of bones, muscles, blood vessels, and other tissues of the body primarily by manipulative methods.

1211 Pharmacy

Subject matter concerned with the preparation, preservation, compounding, use, effect, and dispensation of drugs.

1212 Physical therapy and rehabilitation

Subject matter concerned with the treatment of such things as diseases, sprains, fractures, paralysis, and circulatory and nervous disorders by physical and mechanical means (for example, massage, regulated exercise, water, light, heat, and electricity).

1213 Dental hygiene

Subject matter concerned with providing oral prophylaxis, applying medication, and providing dental health education services.

1214 Public health

Subject matter concerned with the philosophy, concepts, and principles of public health and the relationship of these understandings to planning and coordinating health service needs of communities.

1215 Medical record librarianship

Subject matter concerned with medical terminology, anatomy and physiology, coding and indexing, medical record sciences, and so forth, for the establishment, continuation, or maintenance of efficient and effective health records.

1216 Podiatry or podiatric medicine

Subject matter concerned with the care and treatment of the human foot in health and disease.

1218 Veterinary medicine, general

Subject matter concerned with the care and treatment of animals in health, injury, and disease.

1220 Speech pathology and audiology

Subject matter concerned with the nature of speech diseases and disorders and with the nature of hearing.

1221 Chiropractic

Subject matter concerned with relieving disorders believed due to abnormal functions of the nervous system by manipulation and treatment of the structures of the body, especially those of the spinal column.

1222 Clinical social work (medical and psychiatric and specialized rehabilitation services)

Subject matter concerned with medical, psychiatric, and specialized rehabilitation services as means for involving individuals and groups of a community in activities designed to improve their social conditions, health, and welfare.

1223 Medical laboratory technologies

Subject matter concerned with clinical laboratory experiences (for example, hematology, serology, chemistry, microbiology) related to principles and procedures necessary in medical laboratory work.

1224 Dental laboratory technologies

Subject matter concerned with clinical laboratory experiences related to principles and procedures necessary in dental laboratory work.

1225 Radiology

Subject matter concerned with radioactive substances, x-rays, and other ionizing radiations and with their utilization in the diagnosis and treatment of disease.

1226 Dental public health

Subject matter concerned with the control and prevention of dental disease and the promotion of oral health through organized community efforts.

1227 Endodontics

Subject matter concerned with the causes, diagnoses, prevention, and treatment of diseases of the pulp and other dental tissues which affect the vitality of teeth.

1228 Oral pathology

Subject matter concerned with the nature of diseases of the mouth, through study of their causes, processes, and effects.

1229 Oral surgery

Subject matter concerned with a broad scope of diagnostic, operative, and related services dealing with diseases, injuries, and defects in the jaws and associated structures.

1230 Orthodontics

Subject matter concerned with tooth and oral structure development, including the treatment of problems related to irregular dental development, missing teeth, and other abnormalities in order to establish normal functioning and appearance.

1231 Pedodontics

Subject matter concerned with the treatment of the oral region of children, adolescents, and young adults whose dental development is not complete.

1232 Periodontology

Subject matter concerned with the treatment of diseases which affect the oral mucous membranes as well as other structures which surround and support the teeth.

1233 Prosthodontics

Subject matter concerned with replacing missing natural teeth and associated structures with fixed or removable substitutes.

1234 Dental assisting

Subject matter concerned with providing assistance to a supervising dentist in administering appropriate dental care and treatment.

1235 Aerospace medicine

Subject matter concerned with integrating and applying the fundamentals of medicine and the basic sciences to aerospace travel, including such things as biological problems peculiar to aerospace travel and the adaptation of individuals to the conditions of aerospace travel.

1236 Anesthesiology

Subject matter concerned with administering local and general anesthetics to produce a loss of sensation.

1237 Dermatology

Subject matter concerned with the skin, its structures, functions, diseases, and their treatment.

1238 Forensic medicine

Subject matter concerned with the relation and application of medical facts to legal problems (for example, the presentation of autopsy findings in murder trials).

1239 General practice/family practice

Subject matter concerned with prevention, diagnosis, and treatment of diseases and injuries that commonly occur in the general population, and with referral of cases to appropriate medical specialists.

1240 Internal medicine

Subject matter concerned with the nonsurgical treatment of diseases.

1241 Neurology

Subject matter concerned with the anatomy, physiology, and pathology of the nervous system.

1242 Obstetrics and gynecology

Subject matter concerned with the care of women during pregnancy, labor, and the puerperium and with the diseases of women, especially those affecting the sexual organs.

1243 Ophthalmology

Subject matter concerned with the anatomy, physiology, and diseases of the eye.

1244 Otorhinolaryngology

Subject matter concerned with the anatomy, physiology, functions, and diseases of the ear, larynx, and nose, and usually with visual examinations performed through the mouth.

1245 Pathology, general

Subject matter concerned with the nature of disease, including its causes, its processes, its effects, and the associated alternations of structure and function.

1246 Neuropathology

Subject matter concerned with the pathology of diseases of the nervous system.

1247 Pediatrics, general

Subject matter concerned with children's diseases.

1248 Pediatric allergy

Subject matter concerned with children's allergies (that is, altered reaction capacities to specific substances that cause no symptoms of hypersensitivity in the nonsensitive).

1249 Pediatric cardiology

Subject matter concerned with children's heart disorders.

1250 Preventive medicine, general

Subject matter concerned with preventing disease, prolonging life, and promoting physical and mental health and efficiency.

1251 Psychiatry, general

Subject matter concerned with the treatment of diseases of the mind.

1252 Child psychiatry

Subject matter concerned with the treatment of diseases of children's minds.

1253 Surgery, general

Subject matter concerned with diseases, injuries, and so forth, requiring operative procedures, including manipulation.

1254 Colon and rectal surgery

Subject matter concerned with operative procedures for dealing with diseases, injuries, and so forth of the colon and rectum.

1255 Neurological surgery

Subject matter concerned with operative procedures for dealing with diseases, injuries, and so forth of the nervous system.

1256 Orthopedic surgery

Subject matter concerned with corrective treatment of deformities, diseases, and ailments of the locomotor apparatus, whether by instruments or devices, manipulation, or open operation.

1257 Plastic surgery

Subject matter concerned with the repair or restoration of absent or defective tissue by transference of tissue from another part or person.

1258 Thoracic surgery

Subject matter concerned with diseases, injuries, and so forth of the chest which require operative procedures, including manipulation.

1259 Urology

Subject matter concerned with the study and treatment of the diseases and abnormalities of the urogenital tract in the male and the urinary tract in the female.

1260 Medical assisting

Subject matter concerned with providing assistance to a supervising physician in administering appropriate medical care and treatment.

1261 Veterinary public health

Subject matter concerned with the health of an animal population, including such things as controlling communicable diseases and advancing hygiene.

1262 Veterinary toxicology

Subject matter concerned with the nature and effects of animal poisons, their detection, and treatment of their effects.

1263 Laboratory animal medicine

Subject matter concerned with experimental work related to animal medicine.

1264 Theriogenology

Subject matter concerned with animal breeding.

1265 Veterinary internal medicine

Subject matter concerned with the nonsurgical treatment of animal diseases.

1266 Veterinary microbiology

Subject matter concerned with the nature, life, and actions of microorganisms pertaining to animals.

1267 Veterinary ophthalmology

Subject matter concerned with the anatomy, physiology, and diseases of animals' eyes.

1268 Veterinary pathology

Subject matter concerned with the nature of animal diseases, including their causes, their processes, their effects, and the associated alterations of structures and functions.

1269 Veterinary radiology

Subject matter concerned with radioactive substances, x-rays, and other ionizing radiations, and with their utilization in the diagnosis and treatment of animal diseases and injuries.

1270 Veterinary surgery

Subject matter concerned with animal diseases, injuries, and so forth, requiring operative procedures, including manipulation.

1271 Veterinary anesthesiology

Subject matter concerned with administering local and general anesthetics to produce a loss of sensation in animals.

1272 Veterinary medical assisting

Subject matter concerned with providing assistance to a supervising veterinary physician in administering appropriate medical care and treatments.

1273 Inhalation therapy

Subject matter concerned with operating and maintaining equipment used in supporting respiratory functions, including the administration of oxygen and other sustaining gases.

1274 Orthotics and prosthetics

Subject matter concerned with making and fitting orthopedic appliances and with making artificial limbs, external organs or parts, and so forth.

1275 Electrodiagnostics

Subject matter concerned with operating electrical equipment which provides data via monitors about changes in a body's physical structure (for example, brain disorders, heart ailments).

1276 Blood bank technology

Subject matter concerned with establishing and maintaining a reserve stock of whole blood or plasma, obtained from suitable donors, and stored under refrigeration.

1277 First aid

Subject matter concerned with emergency treatment given to a casualty before regular medical or surgical care can be administered.

1278 Safety education

Subject matter concerned with understanding and being able to function at optimum levels in the presence of the hazards of every day living.

1279 General and personal health and hygiene

Subject matter concerned with understanding and influencing attitudes and practices related to individual, family, and community health.

1280 Mental health

Subject matter concerned with such things as aging, autism, alcoholism, drug abuse, epilepsy, mental retardation, and so forth.

1281 Mortuary science

Subject matter concerned with performing and embalming preparations for interment in conformity with legal requirements.

1282 Acupuncture

Subject matter concerned with using needles to puncture specified areas of the skin in order to cure illness.

1299 Other, specify

Subject matter concerned with an area(s) of health services not reflected adequately in the specialties listed.

1300 HOME ECONOMICS

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the theory and practice of family and home care, including the science of foods, home decoration and management, and child care.

1301 Home economics, general

Subject matter concerned with knowledge, understanding, attitudes, and skills related to improving individual, household, and family ways of living.

1302 Home decoration and home equipment

Subject matter concerned with the characteristics of design and their functional application to decorating and equipping homes to fit the economic and aesthetic needs of an individual, household, and/or family.

1303 Clothing and textiles

Subject matter concerned with the principles and concepts of clothing and textiles as related to their selection, characteristics, design, construction, use, and care.

1304 Consumer economics and home management

Subject matter concerned with such things as buying and using goods and services, the consumer's relationship to the economic system, and effective management of a household's resources.

1305 Family relations and child development

Subject matter concerned with the nature, functions, and significance of human relationships in the family, and with the physical, mental, emotional, and social growth and development of children.

1306 Foods and nutrition (include dietetics)

Subject matter concerned with the principles, processes, and techniques of food preparation and the fundamentals of nutrition which affect human growth and health maintenance.

1308 Child care and guidance

Subject matter concerned with the principles, processes, and techniques of attending and guiding children.

1309 Geriatric care

Subject matter concerned with the principles, processes, and techniques of attending aged people.

1399 Other, specify

Subject matter concerned with an area(s) of home economics not reflected adequately in the specialties listed.

1400 LAW

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities in the legal customs, practices, and rules of society and states for the purpose of pursuing a career in jurisprudence.

1401 Law, general

Subject matter concerned with fostering and developing attitudes, ethical standards, reasoned decision-making capabilities, fundamental legal principles, and analytical and technical knowledge and abilities concerned with legal procedures and jurisprudence.

1402 Comparative law

Subject matter concerned with the comparison of legal theory and practice in different states, countries, and so forth, for the purpose of broadening and deepening understanding of legal and jurisprudence problems.

1403 International law

Subject matter concerned with international law and jurisprudence (for example, international or world organization, private international law, diplomatic law, consular law).

1404 Public law

Subject matter concerned with such things as the rights, liberties, freedoms, and guarantees secured to citizens and societies; electoral law and systems; authorities and powers; the state and its various forms; and so forth.

1405 Criminal law

Subject matter concerned with criminal justice, investigation, and law; penal offenses; and penology.

1406 Private law

Subject matter concerned with such things as rights, juridical acts and persons in general; realty laws; bonds, contracts, and agreements; torts; family law; hereditary law; and so forth.

1407 Commercial law

Subject matter concerned with such things as commercial transactions, business concerns, and persons transacting business; financial law; commercial contracts; maritime law; air, ether, and broadcasting law; and so forth.

1408 Legal procedures and organizations

Subject matter concerned with such things as civil proceedings; judiciary personnel; the organization and administration of justice, and civil courts and tribunals.

1499 Other, specify

Subject matter concerned with an area(s) of law not reflected adequately in the specialties listed.

1500 LETTERS

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with English language arts and literature.

1501 English, general

Subject matter concerned with providing the verbal skills used in communicating and expressing ideas and with developing control and proficiency in the use of the English language through such things as reading, oral and written language, speech, spelling, handwriting, and so forth.

1502 Literature, English

Subject matter concerned with art forms written in English, especially those which have high quality and style (for example, poetry, prose).

1503 Comparative literature

Subject matter concerned with the comparison of varying forms of literature on a common basis (for example, on the basis of social history, conventions, religious thought, and so forth).

1504 Classics

Subject matter concerned with works or writings that are outstanding artistically, especially those of ancient Greece and Rome.

1505 Linguistics (include phonetics, semantics, and philology).
Subject matter related to the science of language (for example, orthography, lexicography, phonetics).

1506 Speech, debate, and forensic science (rhetoric and public address)
Subject matter concerned with such things as formal presentations of arguments on both sides of a question, the art of expressive speech or literary composition, and public address.

1507 Creative writing
Subject matter concerned with composition involving some degree of spontaneity and exercise of the imagination on the part of the writer (for example, short stories, verse, drama).

1508 Teaching of English as a foreign language
Subject matter concerned with the study of the language, literature, and culture of English-speaking people by individuals whose mother tongue is not English.

1511 Composition (exclude creative writing)
Subject matter concerned with the act or art of selecting, combining, arranging, and developing ideas, and expressing them in appropriate written and/or spoken form.

1599 Other, specify

Subject matter concerned with an area(s) of letters not reflected adequately in the specialties listed.

1600 LIBRARY, ARCHIVAL, AND MUSEUM SCIENCES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the attitudes, knowledge, and skills required to initially organize and/or maintain collections of books, audio-visual materials, public records, historical documents, and other related items with maintaining museums, galleries, and related exhibits; and with the training necessary for providing services related to these activities.

1601 Library science, general

Subject matter concerned with the development of attitudes, knowledge, and skills needed to organize, administer, and maintain a library and its supporting services.

1602 Archival science, general

Subject matter concerned with the development of attitudes, knowledge, and skills needed to collect, evaluate, systematize, preserve, and make available for reference public records and documents of historical significance.

1603 Museum and related administration

Subject matter concerned with the administration of museums, art galleries, and botanical and zoological gardens, and with the performance of related services including activities in collecting, authenticating, preserving, maintaining, exhibiting, and furnishing information on collections of historical, artistic, scientific, or technological significance or of general public interest.

1699 Other, specify

Subject matter concerned with an area(s) of library, archival, and museum sciences not reflected adequately in the specialties listed.

1700 MATHEMATICS

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the science of numbers and space configurations and their operations, measurement, relationships, and abstractions.

1701 Mathematics, general

Subject matter concerned with the principles, interrelationships, and distinctions of various fields of mathematics.

1702 Statistics, mathematical and theoretical

Subject matter concerned with the collection, classification, analysis, and interpretation of numerical facts or data as a basis for induction and inference.

1703 Applied mathematics (theoretical applications)

Subject matter concerned with the application of mathematics to other subject areas such as computer and information sciences, psychology, and so forth (for example, numerical analysis, metatheory, combinatorial and discrete mathematics).

1704 Arithmetic

Subject matter concerned with the existing relations among and methods of computing with numbers.

1705 Algebra

Subject matter concerned with the use of symbolic representation for consideration of the relationships between the numbers of a given number field and the results of operations on these numbers in accordance with accepted mathematical postulates.

1706 Geometry

Subject matter concerned with the properties, relations, and measurement of spatial configurations.

1707 Trigonometry

Subject matter concerned with the properties of triangles and the relations between sides and angles of triangles, and with their applications.

1708 Calculus

Subject matter concerned with infinitesimal changes among related quantities or with those relationships among quantities implied by interdependent infinitesimal changes in the quantities.

1709 Special methods of calculation

Subject matter concerned with the theory, act, or process of using computing aids (for example, slide rules, calculators).

1799 Other, specify

Subject matter concerned with an area(s) of mathematics not reflected adequately in the specialties listed.

1800 MILITARY SCIENCES

Subject matter designations which characterize students, faculty, facilities, and instruction and research activities having to do with techniques and skills related to military sciences.

1801 Military science (Army)

Subject matter concerned with the development of good citizenship, patriotism, reliance, responsiveness to constituted authorities, and knowledge of basic military skills related to the U.S. Army (for example, organization, leadership, hygiene, first aid, weapons, history, tactics).

1802 Naval science (Navy, Marines)

Subject matter concerned with the development of good citizenship, patriotism, reliance, responsiveness to constituted authority, and knowledge of basic military skills related to the U.S. Navy and the U.S. Marines (for example, organization, leadership, hygiene, first aid, weapons, history, tactics).

1803 Aerospace science (Air Force)

Subject matter concerned with the development of good citizenship, patriotism, reliance, responsiveness to constituted authority, and knowledge of basic military skills related to the U.S. Air Force (for example, organization, leadership, hygiene, first aid, weapons, history, tactics).

1804 Coastal science (Coast Guard)

Subject matter concerned with the development of good citizenship, patriotism, reliance, responsiveness to constituted authority, and knowledge of basic military skills related to the U.S. Coast Guard (for example, organization, leadership, hygiene, first aid, weapons, history, tactics).

1899 Other, specify

Subject matter concerned with an area(s) of military sciences not reflected adequately in the specialties listed.

1900 PHYSICAL SCIENCES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with the basic nature and interrelationships of matter, energy, and associated phenomena.

1901 Physical sciences, general

Subject matter concerned with natural laws, properties, and processes related to energy and nonliving matter.

1902 Physics, general (excludes biophysics)

Subject matter concerned with matter and energy and with their interactions in such fields as acoustics, atomic structure, electricity, heat, magnetism, mechanics, nuclear phenomena, and optics.

1903 Molecular and atomic physics

Subject matter concerned with matter and energy and with their interactions as they relate to atoms and molecules.

1904 Nuclear physics

Subject matter concerned with matter and energy and with their interactions as they relate to atomic nuclei and subatomic particles.

1905 Chemistry, general (excludes biochemistry)

Subject matter concerned with the composition, structure, properties, and transformations of substances and various elementary forms of matter, and with the transformations that they undergo.

1906 Inorganic chemistry

Subject matter concerned with the composition, structure, and properties of noncarbon compounds, and with the transformations that they undergo.

1907 Organic chemistry

Subject matter concerned with the composition, structure, and properties of carbon compounds, and with the transformations that they undergo.

1908 Physical chemistry

Subject matter concerned with the relations between the physical properties of substances and their chemical compositions, structures, properties, and transformations.

1909 Analytical chemistry

Subject matter concerned with the units, instruments, limits of errors, potential uses, analyses, and so forth, associated with various substances and elementary forms of matter.

1910 Pharmaceutical chemistry

Subject matter concerned with the preparation, testing, analysis, transformations, and so forth of drugs and related substances.

1911 Astronomy

Subject matter concerned with such things as the observation, calculation, and theoretical interpretation of the position, dimension, distribution, motion, composition, and evolution of celestial bodies and phenomena.

1912 Astrophysics

Subject matter concerned with the physical and chemical constitution of celestial bodies and with the interaction between matter and radiation in the interior of celestial bodies and in interstellar space.

1913 Atmospheric sciences and meteorology

Subject matter concerned with the chemical and physical properties of the mass of air surrounding the earth and with its phenomena including such things as property interrelationships, and transformations related to the weather and climate, humidity, temperature, atmospheric pressure, air masses, clouds, precipitation, and so forth.

1914 Geology

Subject matter concerned with the physical composition, structure, and history of the earth or celestial bodies (for example, the moon), with the rocks of which they are composed; and with the processes related to changes in solid matter.

1915 Geochemistry

Subject matter concerned with the chemical composition of and chemical changes in the crust of the earth.

1916 Geophysics, general

Subject matter concerned with the physics of geological phenomena.

1917 Earth sciences, general

Subject matter concerned with the earth, its origin, its composition, and any of its changing aspects.

1918 Paleontology

Subject matter concerned with the life of past geological periods as known from fossil remains.

1919 Oceanography

Subject matter concerned with the physics, chemistry, biology, and geology of oceans and their phenomena.

1920 Metallurgy

Subject matter concerned with the chemical and physical properties of metals.

1921 Mineralogy

Subject matter concerned with minerals, their crystallography, physical and chemical properties, classification, and the ways of distinguishing them.

1922 Hydrology

Subject matter concerned with the properties, distribution, and circulation of water on the surface of the land, in the soil and underlying rocks, and in the atmosphere.

1923 Seismology

Subject matter concerned with the physical properties of earthquakes and with artifically produced vibrations of the earth.

1924 Volcanology

Subject matter concerned with the physical properties of volcanoes and volcanic phenomena.

1999 Other, specify

Subject matter concerned with an area(s) of physical sciences not reflected adequately in the specialties listed.

2000 PSYCHOLOGY

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with behavioral and mental processes.

2001 Psychology, general

Subject matter concerned with human and animal behavior and with the mental states and processes of a person or a group of persons.

2002 Experimental psychology (animal and human)

Subject matter concerned with analyzing phases of animal and human behavior through the use of laboratory techniques.

2003 Clinical psychology

Subject matter concerned with applying psychology to define the behavior capacities and personality characteristics of an individual or group of individuals through methods of measurement, analysis, and observation; to make recommendations about how to manage the individual(s); and to perform educational, counseling, and psychotherapeutic procedures.

2004 Psychology for counseling

Subject matter concerned with counseling an individual with personal and/or social problems through giving and interpreting psychological tests and through performing therapy.

2005 Social psychology

Subject matter concerned with the behavior of groups; with the influence of the group(s) on attitudes, emotions, and personality development; and with social interaction.

2006 Psychometrics

Subject matter concerned with measuring and analyzing psychological data about such things as mental traits, abilities, and processes.

2008 Industrial psychology

Subject matter concerned with potential and actual business applications of psychological techniques, instruments, findings, and principles (for example, occupational ability testing).

2209 Developmental psychology

Subject matter concerned with the course or progressive stages of behavior in childhood and adolescence, including the phases of growth and of decline.

2010 Physiological psychology

Subject matter concerned with such things as morphological, neurochemical, and physiological bases of behavior.

2011 Abnormal psychology

Subject matter concerned with abnormal behavior, mental processes, and reactions to situations which usually involve conflict between the intellect and the emotions (for example, disorders and aberrations, mental deficiency, hypochondria).

2012 Special mental conditions

Subject matter concerned with unusual mental conditions and phenomena (for example, hypnotism, psychic and parapsychic phenomena, depth psychology).

2013 Creativity

Subject matter concerned with such things as associative and ideational fluency, originality, adaptive and spontaneous flexibility, and ability to make logical evaluations.

2014 Astrology

Subject matter concerned with attempting to predict the influence of the positions, aspects, and movement of heavenly bodies on human behavior and terrestrial events.

2099 Other, specify

Subject matter concerned with an area(s) of psychology not reflected adequately in the specialties listed.

2100 PUBLIC AFFAIRS AND SERVICES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to developing and improving competencies in the management and operation of governmental agencies and organizations.

2101 Community services, general

Subject matter concerned with planning, coordinating, and operating activities aimed at maintaining and improving the social conditions in a locality.

2102 Public administration

Subject matter concerned with the theories, concepts, organization, techniques, and roles of administration in international, national, state, regional, and local governments.

2103 Parks and recreation management

Subject matter concerned with the principles involved in developing park and recreation programs having specific objectives and means of evaluation.

2104 Social work and helping services (other than clinical social work)

Subject matter concerned with providing an understanding of means for involving individuals and groups of a community in activities designed to improve their social conditions and welfare.

2105 Law enforcement and corrections

Subject matter concerned with understanding the theories, functions, technical aspects, and nature of the United States judicial system; and with the organizational and administrative structures, personnel and records management, budgeting, staffing, planning, research, and public relations related to law enforcement and corrections.

2106 International public service (other than diplomatic service)

Subject matter concerned with planning, organizing, implementing, and evaluating various services and activities targeted primarily for operation in lands external to the United States.

2107 Fire protection

Subject matter concerned with fighting fires; with inspecting fire-fighting equipment, factories, places of amusement, and other establishments to detect unsafe conditions; and with recommending improvements or repairs which will reduce fire hazards.

2108 Citizenship

Subject matter concerned with the rights and responsibilities of United States citizenship and with means for becoming a citizen of the United States.

2109 Civil service preparation

Subject matter concerned with preparation for civil service examinations.

2199 Other, specify

Subject matter concerned with an area(s) of public affairs and services not reflected adequately in the specialties listed.

2200 SOCIAL SCIENCES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with all aspects of the past and present activities, conduct, interactions, and organizations of humans.

2201 Social sciences, general

Subject matter concerned with the characteristics of family, state, or race, and with the relations and institutions involved in man's existence and well-being as a member of an organized community.

2202 Anthropology

Subject matter concerned with normative and historical man, and his cultural, environmental, and social development and relationships.

2203 Archaeology

Subject matter concerned with material remains (for example, fossil relics, artifacts, monuments) of past human life and activities.

2204 Economics

Subject matter concerned with limited resources; with the production, distribution, and consumption of goods and services; and with the social phenomena arising from economic activities.

2205 History

Subject matter concerned with such things as recording, gathering, criticizing, synthesizing, and interpreting evidence about past events.

2206 Geography

Subject matter concerned with the earth and its life (for example, the description of land, sea, air, and the distribution of plant and animal life including man and his industries).

2207 Political science and government

Subject matter concerned with the description and analysis of political institutions and processes and with the origin, development, geographical units, forms, sources of authority, powers, purposes, functions, and operations of government.

2208 Sociology

Subject matter concerned with society, social institutions, and social relationships, including such things as the development, purposes, structures, and functions of human groups.

2209 Criminology

Subject matter concerned with the causes of crime and methods of detecting and/or dealing with crime and the criminal, including crime statistics, theories of punishment, and the role of law enforcement in society as an agent for the prevention and treatment of crime.

2210 International relations

Subject matter concerned with the political, economic, and social interactions and connections among nations and sovereign states.

2211 Afro-American (black culture) studies

Subject matter concerned with providing an understanding and appreciation of the black experience through studies in such areas as communications, economics, education, history, humanities, psychology, language, sociology, and political science.

2212 American Indian cultural studies

Subject matter concerned with providing an understanding and appreciation of the American Indian experience through studies in such areas as communications, economics, education, religion, history, humanities, psychology, language, sociology, and political science.

2213 Mexican-American cultural studies

Subject matter concerned with providing an understanding of the Mexican-American experience through studies in such areas as communications, economics, education, history, humanities, psychology, language, sociology, and political science.

2214 Urban studies

Subject matter concerned with the interaction of a city environment, its inhabitants, and those people surrounding the city, including an analytical and critical examination of the structure and function of city life and the development of concepts with which to understand urban problems.

2215 Demography

Subject matter concerned with vital social statistics, including such things as births, deaths, marriages, and education rates of populations.

2216 Asian-American cultural studies

Subject matter concerned with providing an understanding and appreciation of the Asian-American experience through studies in such areas as communications, economics, education, history, humanities, psychology, language, sociology, and political science.

2217 Women's studies

Subject matter concerned with providing an understanding and appreciation of the female experience through studies in such areas as communications, economics, education, history, humanities, psychology, language, sociology, and political science.

2299 Other, specify

Subject matter concerned with an area(s) of social sciences not reflected adequately in the specialties listed.

2300 THEOLOGY

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to preparation and training for a religious vocation.

2301 Theological professions, general

Subject matter concerned with providing a knowledge, understanding, and appreciation of divine things or religious truth for entrance into the ministry.

2302 Religious music

Subject matter concerned with the history, theory, and appropriate applications of religious music in past and present religious activities; with evaluating the role of sacred music in religion; and with providing opportunities for gaining experience and training in the performance of religious music.

2303 Biblical languages

Subject matter concerned with languages, vocabulary, and passages used in the Old and New Testaments of the Bible.

2304 Religious education

Subject matter concerned with the organization, leadership, stewardship, financial aspects, program planning, counseling of individuals, and sense of social responsibility involved in supervising the operation of a church or group of churches, or of some other organization that coordinates or administers religious services and activities.

2305 Ecclesiastical and canonical law

Subject matter concerned with laws of various religions, churches, and so forth (for example, Roman Catholic canonical law).

2306 Non-Christian religions and cults

Subject matter concerned with preparing individuals for entrance into non-Christian religious vocations (for example, Buddhism, Judaism, Mohammedanism).

2399 Other, specify

Subject matter concerned with an area(s) of theology not reflected adequately in the specialties listed.

2500 PHILOSOPHY

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities related to investigating the most general facts and principles of reality and of human nature and conduct.

2501 Metaphysics

Subject matter concerned with ontology (the science of being) and cosmology (the science of the fundamental causes and processes in things).

2502 Logic

Subject matter concerned with the normative formal principles of reasoning and the principles and standards of validity in thought and demonstration.

2503 Ethics

Subject matter concerned with the ideal human character and the ideal ends of human action.

2504 Aesthetics

Subject matter concerned with the study of taste and with theories of beauty, its essential character, the tests by which it may be recognized or judged, and its characteristic relation to or effect upon the human mind.

2505 History of philosophy

Subject matter concerned with recording and explaining significant events related to philosophy.

2506 Religious studies (exclude theological professions)

Subject matter concerned with the nature, function, origin, history, and tenets of various religions or religious literatures for informational, inspirational, or moral purposes.

2599 Other, specify

Subject matter concerned with an area(s) of philosophy not relfected adequately in the specialties listed.

2600 PHYSICAL EDUCATION AND RECREATION

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities designed to promote desirable physical development, motor skills, attitudes, and habits of conduct, and to further recreational leisure-time pursuits.

2601 Adapted physical education

Subject matter concerned with planned, diversified, and highly personalized physical activities suited to the special needs of individuals having atypical physical, mental, and/or behavioral conditions of temporary or enduring nature, and who may not safely or successfully participate unrestrictedly in the vigorous activities of regular instructional programs of physical education.

2602 Aquatics

Subject matter concerned with activities such as swimming, diving, lifesaving, synchronized swimming, water games, handling small crafts, skin and scuba diving, water-skiing, and surfing.

2603 Body dynamics

Subject matter concerned with planned physical activities based primarily on an individual's special needs and desires for self-discovery, self-evaluation, self-direction, and self-management in maintaining, motivating, and improving his/her general level of total fitness and achievement of better performance in special tasks and in daily living (for example, conditioning exercises, fundamental movements, individual self-testing events, posture education, yoga).

2604 Group games, contests, and relays

Subject matter concerned with planned developmental activities which provide opportunities for physical interactions among students in either cooperative or competitive situations.

2605 Individual and dual sports

Subject matter concerned with planned physical activities, with high carry-over possibilities for lifetime use, generally involving participation by one or two individuals competing against one or two other individuals in the same activity according to predetermined rules (for example, archery, badminton, bowling, fencing, golf, handball, tennis, track and field, wrestling).

2606 Stunts, tumbling, and gymnastics

Subject matter concerned with the performance of formal movements in various combinations and the creation of new movements while participating in activities such as balancing, building pyramids, and performing novel antics and actions as an individual, with a partner, or in a group.

2607 Team sports

Subject matter concerned with planned physical activities involving relatively complex rules and strategy in which success is partially determined by the degree of group cooperation in competing successfully against comparable opponents in the same activity according to predetermined rules (for example, baseball, basketball, cross country, curling, field hockey, football, ice hockey, lacrosse, soccer, softball, volleyball, water polo).

2608 Outdoor recreation

Subject matter concerned with out-of-door diversions which are usually noncompetitive (for example, camping, climbing, cycling, fishing, hunting, ice skating, mountaineering, riding, snow skiing).

2609 Self-defense

Subject matter concerned with developing skills related to defending oneself (for example, karate, judo, aikido).

2610 Games of thought and chance

Subject matter concerned with developing skills related to doing such things as playing board or table games (for example, chess, go, backgammon), gambling, and playing cards (for example, bridge, canasta).

2699 Other, specify

Subject matter concerned with an area(s) of physical education and recreation not reflected adequately in the specialties listed.

2700 SERVICE

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with performing tasks in and around private households and with serving individuals in institutions and in commercial and other types of establishments.

2701 Food and beverage preparation and service

Subject matter concerned with preparing foods and beverages and with serving them to patrons of such establishments as hotels, clubs, restaurants, and cocktail lounges (for example, hostessing and stewarding; waitering, waitressing, and related food serving; bartending; cooking; and meatcutting, except in slaughtering and packing houses).

2702 Barbering, cosmetology, and related service

Subject matter concerned with rendering beauty and/or related treatments to individuals (for example, barbering, manicuring, hairdressing and cosmetology, making-up, massaging, embalming).

2703 Other personal service

Subject matter concerned with an area(s) of personal service not reflected adequately in the specialties listed.

2704 Animal service

Subject matter concerned with boarding, breeding, plucking, grooming, cleaning, training, or treating animals in such environments as kennels, veterinary hospitals, zoos, and pets' beauty salons.

2705 Apparel and furnishings service

Subject matter concerned with improving the appearance of and repairing clothing, furnishings, and accessories (for example, laundering, dry cleaning, pressing, dyeing, shoe and luggage repairing, shoe shining).

2706 Building and related service

Subject matter concerned with the cleaning and upkeep of building interiors and the conveying of passengers and freight by elevator.

2707 Guarding and watching

Subject matter concerned with guarding property from illegal entry, fire, and theft, and enforcing safety regulations.

2708 Telecommunication service

Subject matter concerned with the operation of such things as telephones and telegraphs for the purpose of facilitating communications.

2709 Career development service

Subject matter concerned with an overview of occupations, means for preparing oneself for various occupations, and techniques for getting oneself hired.

2799 Other, specify

Subject matter concerned with an area(s) of service not reflected adequately in the specialties listed.

2800 SPECIAL COMMUNICATION

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with special means of thought.

2801 Dactylology

Subject matter concerned with communicating ideas by signs made with the fingers (for example, manual alphabets of deaf-mutes).

2802 Braille

Subject matter related to the system of printing or transcribing for the blind in which the characters are represented by tangible points or dots.

2803 Lip reading

Subject matter concerned with catching words or meanings of a speaker by watching the movements of the lips without hearing the speaker's voice.

2804 Codes

Subject matter related to a system of signals for communication by telegraph, flags, lanterns, and so forth (for example, Morse code, continental code, semaphores).

2805 Cryptography

Subject matter concerned with the act or art of writing in secret characters, ciphers, or codes (for example, substitution cipher, transposition cipher).

2806 Pantomime

Subject matter concerned with significant gesticulation or facial expression.

2899 Other, specify

Subject matter concerned with an area(s) of special communication not reflected adequately in the specialties listed.

2900 TRANSPORTATION EQUIPMENT OPERATION

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities having to do with driver education, and freight and passenger transportation equipment operation.

2901 Driver education, general

Subject matter concerned with the safe and efficient operation of motor vehicles.

2902 Truck driving

Subject matter concerned with transporting cargo over highways, city streets, or within compounds of industrial, construction, or mining areas, by driving vehicles powered by gasoline, diesel, propane, or related fuels, or electricity.

2903 Railroad transportation, general

Subject matter concerned with transporting passengers and freight by controlling the movement of trains, trolleys, and other railway vehicles; with collecting fares from passengers and giving information; with supplying fuel; with adjusting alignment of tracks; with signaling operational information; with shifting railway cars in classification yards; with cleaning and lubricating equipment; and with related activities.

2904 Railroad conducting

Subject matter concerned with directing the activities of crews on trains carrying passengers, freight, and/or mail.

2905 Water transportation, general

Subject matter concerned with conveying passengers and cargo by controlling the movement of ships, boats, and other vessels; with securing vessels in docks; with opening and closing canal locks; and with related activities.

2906 Water transportation, management and operation

Subject matter concerned with managing and operating vessels, including the technical supervision of marine operations for a group of vessels; with administrative and technical responsibility for the operation, maintenance, and safety of a passenger or cargo vessel; with the planning and supervision of operations and maintenance in the deck and engine departments of a vessel; with administration of business affairs aboard a vessel, such as purchasing, disbursing, and ensuring compliance with customs and immigration regulations; and with piloting vessels through rivers, straits, and harbors.

2907 Air transportation, general

Subject matter concerned with fueling aircraft; with cooling, heating, and ventilating aircraft; with repacking parachutes; and with related servicing activities.

2908 Air transportation, piloting and navigating

Subject matter concerned with piloting airplanes for the transportation of passengers, freight, mail, and other purposes, such as crop dusting and the testing of new models, and with charting the courses of planes by the use of instruments, charts, celestial observation, and dead reckoning.

2999 Other, specify

Subject matter concerned with an area(s) of transportation equipment operation not reflected adequately in the specialties listed.

4900 INTERDISCIPLINARY STUDIES

Subject matter designations which characterize students, faculty, facilities, and instruction, research, and public service activities involving more than one major subject matter specialty without primary concentration in any one area.

4901 General liberal arts and sciences

Subject matter concerned with several subject matter specialties and designed to provide a general background in the humanities, the social sciences, and the natural sciences to meet a wide variety of educational objectives and needs.

4902 Biological and physical sciences

Subject matter concerned with subject matter specialties designed to provide a general background in the biological and physical sciences to meet a wide variety of educational objectives and needs.

4903 Humanities and social sciences

Subject matter concerned with subject matter specialties designed to provide a general background in the fine arts, foreign languages, letters, and social sciences to meet a wide variety of educational objectives and needs.

4904 Technology and other specialties

Subject matter concerned with the relationship of engineering, industrial arts, and other applied sciences to other subject matter specialties designed to meet a wide variety of educational objectives and needs.

4905 Futuristics

Subject matter concerned with determining what might happen in, and how to affect, the future by considering the interrelationships of various subject matter specialties.

4906 Systems analysis

Subject matter concerned with determining desired or essential ends for an activity (for example, a procedure, a business, a physiological function), and how they may most efficiently be attained.

4907 High school equivalency preparation

Subject matter concerned with preparing an individual to take and pass an high school equivalency examination.

4999 Other, specify

Subject matter concerned with a combination of subject matter specialties not reflected adequately in the specialties listed.

APPENDIX A

ALPHABETICAL INDEX FOR THE PROPOSED TAXONOMY

2011	Abnormal psychology
0502	Accounting
1282	Acupuncture
2601	Adapted physical education
0809	Administration of special education
0807	Adult and continuing education
0604	Advertising
0902	Aerospace, aeronautical, and astronautical technology, general
1235	Aerospace medicine
1803	Aerospace science (Air Force)
2504	Aesthetics
1116	African languages (non-Semitic)
0305	African studies
2211	Afro-American (black culture) studies
0110	Agricultural and farm management
0112	Agricultural business
0111	Agricultural economics
0121	Agricultural mechanics
0903	Agricultural technology, general
0101	Agriculture, general
0102	Agronomy (field crops and crop management)
2907	Air transportation, general
2908	Air transportation, piloting and navigating
1705	Algebra
2212	American Indian cultural studies
0313	American studies
1909	Analytical chemistry
0412	Anatomy
1236	Anesthesiology
0104	Animal science (husbandry)
2704	Animal service
0317	Antarctic area studies
2202	Anthropology
0431	Anthropobiology (physical anthropology)
2705	Apparel and furnishings service
1703	Applied mathematics (theoretical applications)
0921	Applied mechanics
1020	Applied music
1012	Applied photography
0919	Applied physics
2602	Aquatics
1112	Arabic
2203	Archaeology
0202	Architecture
1019	Architecture (fine and applied arts)
1602	Archival science, general
0316	Arctic area studies
0318	Area studies, general

1704	Arithmetic
0831	Art education
1003	Art history and appreciation
1026	Art restoration
0706	Artificial intelligence
1120	Artificial languages
2216	Asian-American cultural studies
0301	Asian studies, general
2014	Astrology
1911	Astronomy
1912	Astrophysics
0315	Atlantic area studies
1913	Atmospheric sciences and meteorology

0403	Bacteriology
0504	Banking and finance
2702	Barbering, cosmetology, and related service
0433	Behavioral biology
0938	Beverages technology
2303	Biblical languages
0414	Biochemistry
0905	Bioengineering and biomedical technology
4902	Biological and physical sciences
0434	Biological taxonomy
0401	Biology, general
0419	Biometrics and biostatistics
0415	Biophysics
1276	Blood bank technology
2603	Body dynamics
0402	Botany, general
2802	Braille
2706	Building and related service
0501	Business and commerce, general
0838	Business, commerce, and distributive education
0517	Business economics
0506	Business management and administration
0503	Business statistics

1708	Calculus
2709	Career development service
0972	Carpentry (excludes millworking and cabinetmaking)
0417	Cell biology (cytology, cell physiology)
0916	Ceramics and clay technology

0906	Chemical technology, general
1905	Chemistry, general (exclude biochemistry)
1308	Child care and guidance
1252	Child psychiatry
1107	Chinese
1221	Chiropractic
1010	Cinematography
2108	Citizenship
0206	City, community, and regional planning
0908	Civil, construction, and transportation technology, general
2109	Civil service preparation
1504	Classics
2003	Clinical psychology
1222	Clinical social work (medical and psychiatric and specialized rehabilitation services)
1303	Clothing and textiles
0965	Clothing technology
1804	Coastal science (Coast Guard)
2804	Codes
1254	Colon and rectal surgery
0945	Color, dye, and paint technology
0123	Commercial fishery
1407	Commercial law
0605	Communication media (use of videotape, films, etc., specifically oriented toward radio/television)
0601	Communications, general
2101	Community services, general
0843	Comparative education
1402	Comparative law
1503	Comparative literature
1511	Composition (exclude creative writing)
0701	Computer and information sciences, general
0704	Computer programming
1304	Consumer economics and home management
1507	Creative writing
2013	Creativity
0518	Credit and collections
1405	Criminal law
2209	Criminology
2805	Cryptography
0829	Curriculum and instruction

2801	Dactylology
0105	Dairy science (husbandry)
1008	Dance
0703	Data processing
2215	Demography
1234	Dental assisting

1213	Dental hygiene
1224	Dental laboratory technologies
1226	Dental public health
1204	Dentistry, general
1237	Dermatology
0432	Developmental biology
2009	Developmental psychology
0978	Drafting
1007	Dramatic arts
1017	Drawing and sketching
0836	Driver and safety education
2901	Driver education, general

1917	Earth sciences, general
0302	East Asian studies
0311	Eastern European studies
2305	Ecclesiastical and canonical law
0420	Ecology
2204	Economics
0801	Education, general
0813	Education of the culturally disadvantaged
0812	Education of the deaf
0816	Education of the emotionally distrubed
0811	Education of the gifted
0810	Education of the mentally retarded
0820	Education of the multiple handicapped
0819	Education of the physically handicapped
0814	Education of the visually handicapped
0825	Education testing, evaluation and measurement
0827	Educational administration
0844	Educational experimentation
0822	Educational psychology (include learning theory)
0824	Educational statistics and research
0828	Educational supervision
0845	Educational technologies
0969	Electrical assembling, installing, and repairing
0909	Electrical, electronics, and communications technology, general
1275	Electrodiagnostics
0802	Elementary education, general
0427	Embryology
1227	Endodontics
1501	English, general
1015	Engraving and printing
0421	Entomology
0922	Environmental and sanitary technology, general
0201	Environmental design, general

2503	Ethics
0310	European studies, general
0971	Excavating, grading, paving, and related work
2002	Experimental psychology (animal and human)
0936	Explosives technology
1305	Family relations and child development
0966	Fancy and decorative goods technology
1001	Fine arts, general
2107	Fire protection
1277	First aid
0107	Fish, game, and wildlife management
0930	Fluid distribution technology
2701	Food and beverage preparation and service
0940	Food technology
1306	Foods and nutrition (include dietetics)
0841	Foreign language education
1101	Foreign languages, general
1238	Forensic medicine
0114	Forestry
1102	French
0428	Fresh water biology
0937	Fuels, heating, and combustion technology
4905	Futuristics
2610	Games of thought and chance
1279	General and personal health and hygiene
4901	General liberal arts and sciences
1239	General practice/family practice
0422	Genetics
1915	Geochemistry
2206	Geography
0911	Geological technology
1914	Geology
1706	Geometry
0912	Geophysical technology
1916	Geophysics, general
1309	Geriatric care
1103	German
0943	Glass technology
0975	Glazing
1110	Greek, classical
1118	Greek, modern
2604	Group games, contests, and relays
2707	Guarding and watching
0944	Gypsum, lime, cement, and allied technology

0837	Health education (include family life education)
1201	Health services, general
1111	Hebrew
4907	High school equivalency preparation
0805	Higher education, general
0413	Histology
2505	History of philosophy
1013	Holography
1302	Home decoration and home equipment
0840	Home economics, agriculture, and related education
1301	Home economics, general
0108	Horticulture (fruit and vegetable production)
1202	Hospital and health care administration
0508	Hotel, institutional, and restaurant management
4903	Humanities and social sciences
1922	Hydrology
0118	Hydrology and water management

1119	Indian (American) languages
1113	Indian (Asiatic) languages
2605	Individual and dual sports
1023	Industrial and commercial design
0913	Industrial and management technology, general
0839	Industrial arts, vocational, and technical education
2008	Industrial psychology
0707	Information storage and retrieval
1273	Inhalation therapy
1906	Inorganic chemistry
0125	Insect and reptile science
0512	Insurance
0203	Interior design
0929	Internal combustion and other special engine technology
1240	Internal medicine
0513	International business
1403	International law
2106	International public service (other than diplomatic)
2210	International relations
0505	Investments and secuiities
0948	Iron and steel goods technology
0958	Ironmongery and hardware technology
0306	Islamic studies
1104	Italian

1108	Japanese
0602	Journalism (printed media)
0806	Junior and community college education
0804	Junior high school education

0516	Labor and industrial relations
1263	Laboratory animal medicine
0926	Land and road vehicle technology, general
0204	Landscape architecture
1109	Latin
0308	Latin American studies
2105	Law enforcement and corrections
1401	Law, general
0951	Leather technology
1403	Legal procedures and organizations
1601	Library science, general
1505	Linguistics (include phonetics, semantics, and philosophy)
2803	Lip reading
1502	Literature, English
2502	Logic

0933	Machining technology
0953	Macromolecular materials technology
0418	Marine biology
0124	Marine life cultivation and related areas
0509	Marketing and purchasing
0973	Masonry (include bricklaying)
0915	Materials technology, general
0833	Mathematics education
1701	Mathematics, general
0910	Mechanical technology, general
1260	Medical assisting
1223	Medical laboratory technologies
1215	Medical record librarianship
1206	Medicine, general
1280	Mental health
0967	Metal fabrication
0914	Metallurgical technology
1920	Metallurgy
2501	Metaphysics
2213	Mexican-American cultural studies
0411	Microbiology
0309	Middle Eastern studies
1801	Military science (Army)
0927	Military technology, general

1921	Mineralogy
0918	Mining and mineral technology, general
1024	Minor arts and crafts (industrial and domestic)
1027	Modeling and standing-in
1903	Molecular and atomic physics
0416	Molecular biology
1281	Mortuary science
1603	Museum and related administration
1021	Music composition
0832	Music education
1006	Music history and appreciation (musicology)
1022	Music theory

0119	Natural resources, general
0115	Natural resources management
0923	Naval architecture and marine technology, general
1802	Naval science (Navy, Marines)
1255	Neurological surgery
1241	Neurology
1246	Neuropathology
0425	Neurosciences
2306	Non-Christian religions and cults
0949	Non-ferrous metal goods technology
0122	Nonfood science and technology
1904	Nuclear physics
0920	Nuclear technology
1203	Nursing, general
0424	Nutrition, scientific (excludes nutrition in home economics and dietetics)

1242	Obstetrics and gynecology
0924	Ocean technology, general
1919	Oceanography
1208	Occupational therapy
0942	Oils, fats, and waxes technology
0507	Operations research
1243	Ophthalmology
1209	Optometry
1228	Oral pathology
1229	Oral surgery
1907	Organic chemistry
0109	Ornamental horticulture (floriculture and nursery science)

1230	Orthodontics
1256	Orthopedic surgery
1274	Orthotics and prosthetics
1210	Osteopathic medicine
2703	Other personal service
0977	Other structural work
1244	Otorhinolaryngology
2608	Outdoor recreation

0314	Pacific area studies
0932	Packing and dispatch technology
1016	Painting
0970	Painting, plastering, waterproofing, cementing, and related work
1918	Paleontology
2806	Pantomime
0952	Paper and pulp technology
0429	Parasitology
2103	Parks and recreation management
1245	Pathology, general
0408	Pathology, human and animal
1248	Pediatric allergy
1249	Pediatric cardiology
1247	Pediatrics, general
1231	Pedodontics
1232	Periodontology
0515	Personnel management
0907	Petroleum technology
1910	Pharmaceutical chemistry
0409	Pharmacology, human and animal
1211	Pharmacy
1011	Photography
1014	Photomechanical printing processes
0430	Phylogeny
1908	Physical chemistry
0835	Physical education
1901	Physical sciences, general
1212	Physical therapy and rehabilitation
1902	Physics, general (exclude biophysics)
2010	Physiological psychology
0410	Physiology, human and animal
0963	Picture frame and mirror technology
1257	Plastic surgery
0404	Plant pathology (phytopathology)
0405	Plant pharmacology
0406	Plant physiology
0120	Plant science
0974	Plumbing and pipefitting
1215	Podiatry or podiatric medicine

2207	Political science and government
1117	Portugese
0106	Poultry science
0947	Precious metal and gem technology
0956	Precision mechanisms, apparatus, machines, and instruments technology
0823	Pre-elementary education
0941	Preservation technology
1250	Preventive medicine, general
1406	Private law
0708	Processing equipment operation
1233	Prosthodontics
1251	Psychiatry, general
2004	Psychology for counseling
2001	Psychology, general
2006	Psychometrics
2102	Public administration
1025	Public entertainment
1214	Public health
1404	Public law
0603	Radio/television
0423	Radiobiology
1225	Radiology
2904	Railroad conducting
2903	Railroad transportation, general
0117	Range management
0830	Reading education
0511	Real estate
2304	Religious education
2302	Religious music
2506	Religious studies (exclude theological professions)
0817	Remedial education
0976	Roofing
1106	Russian
0307	Russian and Slavic studies
0960	Saddlery, footware, and gloves technology
1278	Safety education
1114	Scandinavian languages
0834	Science education
1018	Sculpture and plastic arts
0803	Secondary education, general
0514	Secretarial studies
1923	Seismology

2609	Self-defense
1115	Slavic languages (other than Russian)
0957	Smithery, farriery, and hand-forged ironwork technology
0821	Social foundations (history and philosophy of education)
2005	Social psychology
2201	Social sciences, general
2104	Social work and helping services (other than clinical social work)
2208	Sociology
0103	Soils science (management and conservation)
0303	South Asian studies
0304	Southeast Asian studies
1105	Spanish
0935	Special chemicals technology
0808	Special education, general
0818	Special learning disabilities
2012	Special mental conditions
1709	Special methods of calculation
0815	Speech correction
1506	Speech, debate, and forensic science (rhetoric and public address)
1220	Speech pathology and audiology
1702	Statistics, mathematical and theoretical
0928	Steam, hydraulic, and pneumatic energy technology
0939	Stimulants, tobacco, and narcotics technology
0954	Stone technology
0826	Student personnel (counseling and guidance)
2606	Stunts, tumbling, and gymnastics
1253	Surgery, general
0979	Surveying
4906	Systems analysis
1508	Teaching of English as a foreign language
2607	Team sports
4904	Technology and other specialties
0901	Technology, general
2708	Telecommunication service
0917	Textile and cordage technology
2301	Theological professions, general
1264	Theriogenology
1258	Thoracic surgery
0950	Timber and woodwork technology
0426	Toxicology
0934	Traffic planning
0510	Transportation and public utilities
0961	Travel, sport, games, and other equipment technology
1707	Trigonometry
2902	Truck driving

0959	Upholstering
0205	Urban architecture
2214	Urban studies
1259	Urology

0955	Various natural processable materials technology
0946	Various organic chemical technology
1271	Veterinary anesthesiology
1265	Veterinary internal medicine
1272	Veterinary medical assisting
1218	Veterinary medicine, general
1266	Veterinary microbiology
1267	Veterinary ophthalmology
1268	Veterinary pathology
1261	Veterinary public health
1269	Veterinary radiology
1270	Veterinary surgery
1262	Veterinary toxicology
0842	Vocational rehabilitation education
1924	Volcanology

2905	Water transportation, general
2906	Water transportation, management and operation
0968	Welding, flame cutting, and related work
0312	West European studies
2217	Women's studies
0931	Workshop practice, general
0207	World planning
0964	Writing, drawing, and artists' materials technology

0407	Zoology, general

APPENDIX B

CROSSOVER TABLE ILLUSTRATING THE RELATIONSHIP BETWEEN THE PROPOSED TAXONOMY, THE HEGIS TAXONOMY, AND THE HANDBOOK VI TAXONOMY

CROSSOVER TABLE

Recommended Crossovers into Taxonomy of Postsecondary Education Subject Matter Areas

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0100	AGRICULTURE AND NATURAL RESOURCES	0100	AGRICULTURE AND NATURAL RESOURCES	01.00000000	AGRICULTURE
0101	Agriculture, general	0101	Agriculture, general	-----------	
0116	Agriculture and forestry technologies (baccalaureate and higher programs)				
5402	Agriculture technologies (include horticulture)				
0102	Agronomy (field crops and crop management)	0102	Agronomy (field crops and management)	01.01020100	Crops
				01	Cereal Grain Crops
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			02	Fiber Crops
				03	Forage Crops
5402	Agriculture technologies (include horticulture)			04	Oil Crops
				99	Other Crops
0103	Soils science (management and conservation)	0103	Soils science (management and conservation)	01.01020200	Soils
				03030000	Soil Management
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			06030000	Soils
				13.04001700	Soil Science
5402	Agriculture technologies (include horticulture)				
0104	Animal science (husbandry)	0104	Animal science (husbandry)	01.01010000	Animal Science
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			0100	Livestock and Poultry
				02	Beef Cattle
5402	Agriculture technologies (include horticulture)			03	Horses
				04	Swine
				05	Sheep
				99	Other Livestock and Poultry
				0200	Nutrition
				0300	Genetics
				0400	Physiology
				0500	Animal Health
				0600	Production Management
				01	Feeding Practices
				02	Housing Practices
				99	Other Production Management
				9900	Other Animal Science
				16.02010000	Animal Science

	A TAXONOMY OF INSTRUCTION PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0105	Dairy science (husbandry)	0105	Dairy science (husbandry)	01.01010101	Dairy Cattle
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			16.02020000	Dairy Technology
5402	Agriculture technologies (include horticulture)				
0106	Poultry science	0106	Poultry science	01.01010106	Poultry
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			99	Other Livestock & Poultry
5402	Agriculture technologies (include horticulture)				
0107	Fish, game and wildlife management	0107	Fish, game, and wildlife management	01.06040000	Wildlife
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			070000	Fish
5403	Forestry and wildlife technologies (include fisheries)				
0108	Horticulture (fruit and vegetable production)	0108	Horticulture (fruit and vegetable production)	01.01020105	Tree Fruit & Nut Crops
				06	Small Fruit Crops
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			07	Vegetable Crops
				.02030000	Seeds
5402	Agriculture technologies (include horticulture)			040000	Fertilizers
0109	Ornamental horticulture (floriculture and nursery science)	0109	Ornamental horticulture (floriculture and nursery science)	01.01020108	Ornamental Crops
				01.05000000	Ornamental Horticulture
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			010000	Arboriculture
				020000	Floriculture
5402	Agriculture technologies (include horticulture)			030000	Greenhouse Operation and Maintenance
				040000	Landscaping
				050000	Nursery Operation & Management
				060000	Turf Management
				990000	Other Ornamental Horticulture
0110	Agricultural and farm management	0110	Agricultural and farm management	01.01000000	Agricultural Production
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			040000	Farm Business Management
				0100	Farm Accounts
5402	Agriculture technologies			0200	Performance Records
				0300	Budgeting and Analysis
				0400	Manpower Utilization
				0500	Purchasing and Marketing

(continued)

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				0600	Financial & Legal Management
				9900	Other Farm Business Management
				01.01990000	Other Agricultural Products
				01.04000000	Agricultural Products
				990000	Other Agricultural Products
0111	Agricultural economics	0111	Agricultural economics	01.01040700	Farm Organizations
0116	Agriculture and forestry technologies			0800	Government Programs
	(baccalaureate and higher programs)				
5402	Agriculture technologies				
	(include horticulture)				
0112	Agricultural business	0112	Agricultural business	01.02000000	Agricultural Supplies/Service
0116	Agriculture and forestry			010000	Agricultural Chemicals
	(baccalaureate and higher programs)			020000	Feeds
5402	Agriculture technologies			030000	Seeds
	(include horticulture)			040000	Fertilizers (plant food)
				990000	Other Agricultural Supplies/Services
0113	Food science and technology	0113	Food science and technology	01.04010000	Food Products
0116	Agriculture and forestry technologies			0100	Meat, Fish, Poultry, Eggs
	(baccalaureate and higher programs)			0200	Dairy Products
5402	Agriculture technologies			0300	Fruits and Vegetables
	(include horticulture)			0400	Cereal Grains
				0500	Oil Seeds
				9900	Other Food Products
				16.02030000	Food Processing Technology
				17.29030000	Meat Cutter
0114	Forestry	0114	Forestry	01.01020109	Farm Forestry
0116	Agriculture and forestry technologies			01.06010000	Forests
	(baccalaureate and higher programs)			01.07000000	Forestry
5403	Forestry and wildlife technologies			010000	Forests
	(include fisheries)			020000	Forest Protection
				030000	Logging--harvesting & transporting
				040000	Wood Utilization
				050000	Recreation
				060000	Special Products
				0100	Christmas Trees
				0200	Maple Syrup
				0300	Nuts
				9900	Other Special Products
				01.07990000	Other Forestry
				10.19000000	Woods
				010000	Woods
				020000	Woods Technology
				990000	Other Woods
				16.06030000	Forestry Technology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0115 0116 5402	Natural resources management Agriculture and forestry technologies (baccalaureate and higher programs) Agriculture technologies (include horticulture)	0115	Natural resources management	01.06000000 060000 990000	Agricultural Resource (conservation, utilization, and services) Air Other Agricultural Resources
0117 0116 5402	Range management Agriculture and forestry technologies (baccalaureate and higher programs) Agriculture technologies (include horticulture)	0117	Range management	01.06080000	Range
0116 5402	Agriculture and forestry technologies (baccalaureate and higher programs) Agriculture technologies (include horticulture)	0118	Hydrology and water management	01.03040000 01.06050000 13.04001000	Water Management Water Hydrology
0116 5402	Agriculture and forestry technologies (baccalaureate and higher programs) Agriculture technologies (include horticulture)	0119	Natural resources, general	01.06000000 010000 020000 030000 040000 050000 060000 070000 080000 990000 13.02000900 15.04000000	Agricultural Resources (conservation, utilization, and services) Forests Recreation Soil Wildlife--including game farms and hunting area Water Air Fish Range Other Agricultural Resources Conservation Conservation--Environmental Education
0116 5402	Agriculture and forestry technologies (baccalaureate and higher programs) Agriculture technologies (include horticulture)	0120	Plant science	01.01020000 0300 0400 0500 0600 0700 0800 01 02	Plant Science Nutrition Genetics Physiology Plant Pathology Entomology Plant Disease and Pest Control Insecticides Fungicides, Bactericides, Viricides, & Nematocides

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				03	Herbicides
				04	Rodenticides
				05	Nonchemical Controls
				06	Plant Genetic Resistance
				99	Other Plant Disease and Pest Control
				0900	Environmental Biology
				9900	Other Plant Science
				16.02040000	Plant Science
0116	Agriculture and forestry technologies (baccalaureate and higher programs)	0121	Agricultural mechanics	01.01030000	Farm Mechanics
5402	Agriculture technologies (include horticulture)			01.03000000	Agricultural Mechanics
				010000	Agricultural Power and Machinery
				020000	Agricultural Structures and Conveniences
				050000	Agricultural Mechanics Skills
				060000	Agricultural Construction and Maintenance
				070000	Agricultural Electrification
				990000	Other Agricultural Mechanics
				16.01020000	Agricultural Technology
				0100	Agricultural Electrification Technology
				0200	Agricultural Machinery and Equipment Technology
				0300	Agricultural Structures and Conveniences
				9900	Other Agricultural Technology
0116	Agriculture and forestry technologies (baccalaureate and higher programs)	0122	Nonfood science and technology	01.04020000	Nonfood Products
5402	Agriculture technologies (include horticulture)			0100	Cotton
				0200	Tobacco
				0300	Wool
				9900	Other Nonfood Products
0116	Agriculture and forestry technologies (baccalaureate and higher programs)	0123	Commercial fishery	16.06040000	Oceanographic Technology (Physical, Biological, and Fisheries)
5403	Forestry and wildlife technologies (include fisheries)			17.08000000	Commercial Fishery Occupations
				010000	Seamanship
				020000	Ship and Boat Operation and Maintenance
				990000	Other Commercial Fishery Occupations
				22000000	Maritime Occupations

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0116 5406	Agriculture and forestry technologies (baccalaureate and higher programs) Marine and oceanographic technologies	0124	Marine life cultivation and related areas	-----------	
0116 5402	Agriculture and forestry technologies (baccalaureate and higher programs) Agriculture technologies (include horticulture)	0125	Insect and reptile science	-----------	
0199 5499	Other, specify Other, specify	0199	Other, specify	01.99000000 16.02000000 990000	Other Agriculture Agricultural-Related Technology Other Agricultural-Related Technology

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0200	ARCHITECTURE AND ENVIRONMENTAL DESIGN	0200	ARCHITECTURE AND ENVIRONMENTAL DESIGN	-----------	
0201	Environmental design, general	0201	Environmental design, general	02.02030000 9900	Environmental Design Other Environmental Design
0202 5304	Architecture Architectural drafting technologies	0202	Architecture	02.02030100 16.01030000	Architectural Design Architectural Technology
0203 5304	Interior design Architectural drafting technologies	0203	Interior design	02.02030300 16.01030000	Interior Design Architectural Technology
0204 5304	Landscape architecture Architectural drafting technologies	0204	Landscape architecture	02.02030400 16.01030000	Landscape Architecture Architectural Technology
0205 5304	Urban architecture Architectural drafting technologies	0205	Urban architecture	16.01030000	Architectural Technology
0206 5304	City, community, and regional Architectural drafting technologies	0206	City, community, and regional	02.02030500 16.01030000	Urban Planning Architectural Technology
5304	Architectural drafting	0207	World planning	16.01030000	Architectural Technology
0299 5399	Other, specify Other, specify	0299	Other, specify	02.02039900	Other Environmental Design

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0300	AREA STUDIES	0300	AREA STUDIES	-----------	AREA STUDIES (MULTIDISCIPLINARY)
0301	Asian studies, general	0301	Asian studies, general	15.02010200 15.02010800	Asia Soviet
0302	East Asian studies	0302	East Asian studies	-----------	
0303	South Asian (India, etc.) studies	0303	South Asian studies	-----------	
0304	Southeast Asian studies	0304	Southeast Asian studies	-----------	
0305	African studies	0305	African studies	15.02010100	Africa
0306	Islamic studies	0306	Islamic studies	-----------	
0307	Russian and Slavic studies	0307	Russian and Slavic studies	15.02010800	Soviet
0308	Latin American studies	0308	Latin American studies	15.02010600	Latin America
0309	Middle Eastern studies	0309	Middle Eastern studies	15.02010700	Middle East
0310	European studies, general	0310	European studies, general	15.02010500	Europe
0311	Eastern European studies	0311	Eastern European studies	-----------	Soviet
0312	West European studies	0312	West European studies	-----------	
0313	American studies	0313	American studies	15.02010400	Canada
				020000	Regions of the United States
				0100	Midwest
				0200	North Central
				0300	Northeast
				0400	Northwest
				0500	Southeast
				0600	Southwest
				9900	Other Regions of the United States

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTMES (HANDBOOK VI)	
				15.02030000	Small Areas
				0100	Home State
				0200	Local Community
				0300	School Community
				0400	Classroom Community
				0500	Neighborhood
				9900	Other Small Areas
0314	Pacific area studies	0314	Pacific area studies	15.02010300	Australasia
----		0315	Atlantic area studies	-----------	
----		0316	Arctic area studies	-----------	
----		0317	Antarctic area studies	-----------	
----		0318	Area studies, general	15.02000000	Area Studies (Multidisciplinary)
0399	Other, specify	0399	Other, specify	15.02010000	Areas Beyond the United States
				019900	Other Areas Beyond the United States
				990000	Other Area Studies

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0400	BIOLOGICAL SCIENCES	0400	BIOLOGICAL SCIENCES		
0401 5205	Biology, general Medical or biological laboratory assistant technologies	0401	Biology, general	13.02000000	Biological Sciences (including General Biology)
0402 5205	Botany, general Medical or biological laboratory assistant technologies	0402	Botany, general	13.02010000	Botany
0403 5205	Bacteriology Medical or biological laboratory assistant technologies	0403	Bacteriology	13.02000300	Bacteriology
0404 5205	Plant pathology Medical or biological laboratory assistant technologies	0404	Plant pathology (phytopathology)	-----------	
0405 5205	Plant pharmacology Medical or biological laboratory assistant technologies	0405	Plant pharmacology	-----------	
0406 5205	Plant physiology Medical or biological laboratory assistant technologies	0406	Plant physiology	13.02001800 2000 2100	Organic Systems Physiology Reproduction
0407 5205	Zoology, general Medical or biological laboratory assistant technologies	0407	Zoology, general	13.02030000	Zoology
0408 5205	Pathology, human and animal Medical or biological laboratory assistant technologies	0408	Pathology, human and animal	-----------	
0409 5205	Pharmacology, human and animal Medical or biological laboratory assistant technologies	0409	Pharmacology, human and animal	-----------	
0410 5205	Physiology, human and animal Medical or biological laboratory assistant technologies	0410	Physiology, human and animal	13.02001800 2000 2100	Organic Systems Physiology Reproduction
0411 5205	Microbiology Medical or biological laboratory assistant technologies	0411	Microbiology	13.02020000	Microbiology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0412 5205	Anatomy Medical or biological laboratory assistant technologies	0412	Anatomy	13.02000100	Anatomy
0413 5205	Histology Medical or biological laboratory assistant technologies	0413	Histology	07.02020000 13.02001000	Histology Developmental Biology
0414 5205	Biochemistry Medical or biological laboratory assistant technologies	0414	Biochemistry	13.02000500 .03000300	Biochemistry Biochemistry
0415 5205	Biophysics Medical or biological laboratory assistant technologies	0415	Biophysics	13.02000700 .03000400	Biophysics Biophysics
0416 5205	Molecular biology Medical or biological laboratory assistant technologies	0416	Molecular biology	13.02001500	Molecular Biology
0417 5205	Cell biology (cytology, cell physiology) Medical or biological laboratory assistant technologies	0417	Cell biology (cytology, cell physiology)	07.02010000 13.02000800 1800 2000 2100	Cytology (Cytotechnology) Cellular Phenomena (Cytology) Organic Systems Physiology Reproduction
0418 5205 5406	Marine biology Medical or biological laboratory assistant technologies Marine and oceanographic technologies	0418	Marine biology	13.04000300	Biological Interrelationships
0419 5205	Biometrics and biostatistics Medical or biological laboratory assistant technologies	0419	Biometrics and biostatistics	13.02000600	Biometrics
0420 5205	Ecology Medical or biological laboratory assistant technologies	0420	Ecology	13.02001100 1600 .04000300	Ecology Nature Study Biological Interrelationships

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0421 5205	Entomology Medical or biological laboratory assistant technologies	0421	Entomology	13.02001200	Entomology
0422 5205	Genetics Medical or biological laboratory assistant technologies	0422	Genetics	13.02001400	Genetics
0423 5205	Radiobiology Medical or biological laboratory assistant technologies	0423	Radiobiology	-----------	
0424 5205	Nutrition, scientific (excludes nutrition in home economics and dietetics) Medical or biological laboratory assistant technologies	0424	Nutrition, scientific (excludes nutrition in home economics and dietetics)	13.02001700	Nutrition
0425 5205	Neurosciences Medical or biological laboratory assistant technologies	0425	Neurosciences	-----------	
0426 5205	Toxicology Medical or biological laboratory assistant technologies	0426	Toxicology	-----------	
0427 5205	Embryology Medical or biological laboratory assistant technologies	0427	Embryology	-----------	
5205	Medical or biological laboratory assistant technologies	0428	Fresh-water biology	13.04000300	Biological Interrelationships
5205	Medical or biological laboratory assistant technologies	0429	Parasitology	-----------	
5205	Medical or biological laboratory	0430	Phylogeny	13.02001300 1900	Evolution Origins of Life

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
5205	Medical or biological laboratory assistant technologies	0431	Anthropobiology (physical anthropology)	13.02000200	Anthropology
				1300	Evolution
				15.01060000	Physical Anthropology
				0100	Evolution
				0200	Prehistoric People
				0300	Primitive Behavior
				0400	Primitive Peoples, e.g., Bushmen
				0500	Race
				9900	Other Topics in Physical Anthropology
5205	Medical or biological laboratory assistant technologies	0432	Developmental biology	13.02001000	Developmental Biology
5205	Medical or biological laboratory assistant technologies	0433	Behavioral biology	13.02000400	Behavior
----		0434	Biological taxonomy	13.02002200	Taxonomy
0499	Other, specify	0499	Other, specify	07.02990000	Other Medical Laboratory Technology
				13.02990000	Other Biological Sciences
				2300	Technological Applications
				9900	Other Major Aspects of the Biological Sciences
				13.04000300	Biological Interrelationships

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0500	BUSINESS AND MANAGEMENT	0500	BUSINESS, COMMERCE, AND MANAGEMENT	03.00000000	BUSINESS
				04.00000000	DISTRIBUTIVE EDUCATION
				14.00000000	OFFICE OCCUPATIONS
0501	Business and commerce, general	0501	Business and commerce, general	03.07000000	Business Ethics
5001	Business and commerce technologies, general			20000000	Exploratory Business
				23000000	General Business or Introduction to Business
				26010000	Business Principles
				04.00000100	Distribution I
				0400	Distribution II
				0700	Distribution III
0502	Accounting	0502	Accounting	03.01000000	Accounting
5002	Accounting technologies			010000	Accounting Principles
				020000	Accounting Systems
				030000	Advanced Accounting
				040000	Auditing
				050000	Cost Accounting
				060000	C.P.A. Review
				070000	Data Processing Accounting
				080000	Governmental and Institutional Accounting
				090000	Intermediate Accounting
				100000	Managerial Accounting
				110000	Payroll Accounting
				120000	Secretarial Accounting
				130000	Tax Accounting
				990000	Other Accounting
				.03000000	Bookkeeping
				010000	Bookkeeping, First Course
				020000	Bookkeeping, Second Course
				030000	Bookkeeping, Third Course
				040000	Bookkeeping, Fourth Course
				050000	Machine Bookkeeping
				060000	Payroll Record Keeping
				070000	Record Keeping
				990000	Other Bookkeeping
				.08000000	Business Finance
				04.00008500	Accounting
				9500	Expense Control
				14.01000000	Accounting and Computing Occupations
				010000	Accountants
				020000	Bookkeepers
				030000	Cashiers
				040000	Machine Operators: Billing, Bookkeeping, and Computing
				050000	Tellers
				990000	Other Accounting and Computing Occupations

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0503	Business statistics	0503	Business statistics	03.12000000	Business Statistics
0504	Banking and finance	0504	Banking and finance	03.08000000	Business Finance
5003	Banking and finance technologies				Money and Banking
				04.04000000	Finance and Credit
0505	Investments and securities	0505	Investments and securities	03.25000000	Investments
0506	Business management and administration	0506	Business management and administration	03.04000000	Budget Control
5004	Marketing, distribution, purchasing, business, and industrial managements technologies			03.26000000	Business and Management Principles
				020000	Business Organization and Management
				050000	Office Management and Supervision
				070000	Small Business Management
				990000	Other Business and Management Principles
				.28000000	Office Practice
				04.00003000	Midmanagement
				04.00003200	Retail Store Management
				3300	Small Business Management
				3400	Other Marketing Management
				14.08000000	Supervisory and Administrative Management Occupations
				010000	Administrative Assistants
				020000	Budget Management Analysts
				030000	Clerical and Office Supervisors
				050000	Office Managers and Chief Clerks
				990000	Other Supervisory and Administrative Management Occupations
				17.17000000	Foremanship, Supervision, and Management Development
0507	Operations research	0507	Operations research	16.04020000	Systems Analysts Technology
0508	Hotel and restaurant management	0508	Hotel, institutional, and restaurant management	04.11000000	Hotel and Lodging
1307	Institutional management and cafeteria management			09.02030000	Food Management, Production, and Service
5010	Hotel and restaurant management technologies			050000	Institutional and Home Management and Supporting Services
5218	Institutional management technologies			16.05040000	Food Service Supervisor

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0509	Marketing and purchasing	0509	Marketing and purchasing	03.26040000	Merchandising Management
5004	Marketing, distribution, purchasing, business, and industrial management technologies			.27000000	Marketing
				010000	Principles of Marketing
				020000	Industrial Marketing
				030000	International Marketing
				990000	Other Marketing
				.32000000	Retailing
				010000	Merchandise Information
				020000	Retail Display
				030000	Retail Merchandising
				040000	Retail Salesmanship
				050000	Retail Store Management
				990000	Other Retailing
				.33000000	Salesmanship Principles
				990000	Other Salesmanship
				04.02000000	Apparel and Accessories
				.03000000	Automotive
				.05000000	Floristry
				.06000000	Food Distribution
				.07000000	Food Services
				.08000000	Generel Merchandise
				.09000000	Hardware, Building Materials, Farm and Garden Supplies and Equipment
				10000000	Home Furnishings
				.12000000	Industrial Marketing
				.15000000	Personal Services
				.16000000	Petroleum
				.18000000	Recreation and Tourism
				.20000000	Other Retail Trade
				.31000000	Other Wholesale Trade
				04.00001000	Principles of Marketing
				.00001100	Agricultural Marketing
				.00001200	Industrial Marketing
				.00001300	International Marketing
				.00001400	Marketing Trends
				.00001500	Retailing
				.00001600	Retail Trends
				.00001700	Wholesaling
				.00001800	Buying
				.00001900	Fashion Merchandising
				.00002000	Fashion Trends
				.00002100	Merchandise Mathematics
				.00002200	Retail Buying
				.00002300	Retail Merchandising
				.00002400	Other Buying

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				04.00002900	Marketing Management (General)
				.00003200	Retail Store Management
				.00003300	Small Business Management
				.00003400	Other Marketing Management
				.00003800	Marketing Research
				.00003900	Marketing Analysis
				.00004000	Other Marketing Research
				.00006100	Purchasing
				.00006200	Salesmanship
				.00006300	Direct Sales
				.00006400	Retail Selling
				.00006500	Sales Management
				.00006600	Other Selling
				.00008200	Product Information
				.00008300	Nontextiles
				.00008400	Textiles
				17.07020000	Window Display
0510	Transportation and public utilities	0510	Transportation and public utilities	04.19000000	Transportation
5011	Transportation and public utility technologies			04.00007000	Transportation
0511	Real estate	0511	Real estate	03.31000000	Real Estate
				010000	Principles of Real Estate
				020000	Real Estate Appraisal
				030000	Real Estate Finances
				040000	Real Estate Law
				050000	Real Estate Management
				060000	Real Estate Sales
				990000	Other Real Estate
				04.17000000	Real Estate
				04.00007500	Real Estate Principles
				7600	Real Estate Practices
				7700	Real Estate Management
				7800	Real Estate Law
				7900	Real Estate Appraisal
				8000	Real Estate Finance
				8100	Real Estate Sales

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0512	Insurance	0512	Insurance	03.24000000	Insurance and Risk
				010000	Principles of Insurance
				020000	Life Insurance
				030000	Property and Casualty Insurance
				990000	Other Insurance
				04.13000000	Insurance
				04.00007100	Principles of Insurance
				7200	Life Insurance
				7300	Casualty Insurance
				7400	Property Insurance
0513	International business	0513	International business	04.14000000	International Trade
0514	Secretarial studies (baccalaureate and higher programs)	0514	Secretarial studies	03.10000000	Business Machines
				010000	Business Machines, First Course
5005	Secretarial technologies (include office machines training)			020000	Business Machines, Second Course
				030000	Calculating and Listing Machines
				040000	Duplicating Machines
				990000	Other Business Machines and Appliances
				03.14000000	Clerical Practice
				21000000	Filing
				22000000	Filing and Record Control
				03.34000000	Shorthand, Stenographic, and Secretarial
				010000	Machine Shorthand
				020000	Personal Use Shorthand
				030000	Shorthand Theory, First Course
				040000	Shorthand Theory, Second Course
				050000	Shorthand Dictation
				060000	Shorthand Speed Building
				070000	Shorthand Transcription
				080000	Machine Transcription
				100000	Specialized Shorthand Terminology and Transcription (legal, medical, scientific/technical, other)
				0100	Legal
				0200	Medical
				0300	Scientific/Technical
				9900	Other Specialized Shorthand Terminology and Transcription
				110000	Specialized Secretarial Practice
				0100	Legal
				0200	Medical
				0300	Scientific/Technical
				9900	Other Specialized Secretarial Practice
				990000	Other Shorthand, Stenographic, and Secretarial

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)	A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
		04.00009500	Expense Control
		14.01040000	Machine Operators: Billing, Bookkeeping, and Computing
		14.03000000	Filing, Office Machines, and General Office Clerical
		010000	Duplicating Machine Operators Occupations
		020000	File Clerks
		030000	General Office Clerks
		990000	Other Filing, Office Machines, and General Office Clerical Occupations
		14.04000000	Information, Communication Occupations
			Communication Systems Clerks and Operations
		020000	Correspondence Clerks
		030000	Mail and Postal Clerks
		040000	Mail-Preparing and Mail-Handling Machine Operators
		050000	Messengers and Office Boys and Girls
		060000	Receptionists and Information Clerks
		990000	Other Information Communication Occupations
		14.05000000	Materials, Support Occupations: Transportation, Storing, and Recording
		010000	Planning and Production Clerks
		020000	Quality Control Clerks
		030000	Shipping and Receiving Clerks
		040000	Stock and Inventory Clerks
		050000	Traffic, Rate, and Transportation Clerks
		990000	Other Materials Support Occupations: Transporting, Storing, and Recording Occupations
		14.07000000	Stenographic, Secretarial, and Related Occupations
		010000	Executive Secretary
		020000	Secretaries
		030000	Stenographers
		990000	Other Stenographic, Secretarial and Related Occupations
		09000000	Typing and Related Occupations
		010000	Clerk Typists
		020000	Typists
		990000	Other Typing and Related Occupations
		16.04000000	Office Related Technology
		990000	Other Office Related Technology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0515	Personnel management	0515	Personnel management	03.11000000	Business Psychology
				03.26060000	Personnel Management
				03.29000000	Personal Development and Human Relations
				04.00003100	Personnel Management
				9200	Employee Supervision
				9300	Employee Training
				9400	Evaluation Techniques
				9600	Human Relations
				14.06000000	Personnel, Training, and Related Occupations
				010000	Educational Assistants and Training Specialists
				020000	Interviewers and Test Technicians
				030000	Personnel Assistants
				990000	Other Personnel, Training, and Related Occupations
0516 5004	Labor and industrial relations Marketing, distribution, purchasing, business, and industrial management technologies	0516	Labor and industrial relations	03.26030000	Labor Management Relations
0517	Business economics	0517	Business economics	03.18020000	Labor Economics
				030000	Money and Banking
				04.00008600	Business-Government Relations
				8900	Economics of Consumption
				9000	Economics of Marketing
----		0518	Credit and collections	03.16000000	Credit and Collections
				04.00002800	Credit and Collections
0599 5099	Other, specify Other, specify	0599	Other, specify	03.13000000	Office Work Experience
				99000000	Other Business
				04.99000000	Other Instructional Programs
				04.00000200	Distribution I (Cooperative)
				0300	Distribution I (Project)
				0500	Distribution II (Cooperative)
				04.00000600	Distribution II (Project)
				0800	Distribution III (Cooperative)
				0900	Distribution III (Project)
				9900	Other Subject Matter in Distributive Education
				14.99000000	Other Office Occupations

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0600	COMMUNICATIONS	0600	COMMUNICATIONS	-----------	
0601	Communications, general	0601	Communications, general	-----------	
5008	Communications and broadcasting technologies				
0602	Journalism (printed media)	0602	Journalism (printed media)	05.04030000	Journalism
5008	Communications and broadcasting technologies			0100	Reporting
				0200	Editorial Writing
				0300	Feature Writing
				0400	History of Journalism
				9900	Other Journalism
0603	Radio/television	0603	Radio/television	05.05040000	Speech Through Mass Media
5008	Communications and broadcasting technologies			0100	Radio and Television
				0200	Film
0604	Advertising	0604	Advertising	03.02000000	Advertising and Sales Promotion
5008	Communications and broadcasting technologies			010000	Advertising Principles
				020000	Advertising Copywriting
				030000	Advertising Media and Campaigns
				040000	Direct Mail Advertising
				990000	Other Advertising and Sales Promotion
				04.01000000	Advertising Services
				04.00004400	Advertising and Sales Promotion
				4500	Advertising Principles
				4600	Advertising Campaigns
				4700	Advertising Copywriting
				4800	Advertising Layout
				4900	Advertising Media
				5000	Advertising Production
				5200	Direct-Mail Advertising
				5300	Retail Advertising
				5400	Retail Display
				5500	Retail Sales Promotion
				5600	Showcard Techniques
				5700	Other Sales Promotion

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0605	Communication media (use of videotape, films, etc., oriented specifically toward radio/ television)	0605	Communication media (use of videotape, films, etc. oriented specifically toward radio/television)	05.05040200	Film
5008	Communications and broadcasting technologies				
0699	Other, specify	0699	Other, specify	-----------	
5099	Other, specify				

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0700	COMPUTER AND INFORMATION SCIENCES	0700	COMPUTER AND INFORMATION SCIENCES	-----------	
0701	Computer and information sciences, general	0701	Computer and information sciences, general		
0703 5101	Data processing Data processing technologies, general	0703	Data processing	03.17000000	Data Processing and Computer Operation
				010000	Introduction to Data Processing
				020000	Data Processing Systems
				990000	Other Data Processing and Computer Operation
				14.02000000	Business Data Processing Occupations
				040000	Systems Analysts
				990000	Other Business Data Processing Systems Occupations
				08040000	Data-methods and Systems-procedures Analysts
				16.04020000	Systems Analysts Technology
0704 5103	Computer programming Computer programmer technologies	0704	Computer programming	03.17040000	Computer Programming
				14.02030000	Programmers
				16.01170000	Scientific Data Processing
				16.04010000	Computer Programmer
----		0706	Artificial intelligence	-----------	
0702	Information sciences and systems	0707	Information storage and retrieval	-----------	
5102	Key punch operator and other input preparation technologies	0708	Processing equipment operation	03.17000000	Data Processing and Computer Operation
				03.17050000	Computer Operation Introduction
5104	Computer operator and peripheral equipment operation technologies			03.17060000	Processing Equipment Operation
				0100	Punchcard Data Processing
				0200	Tabulating Equipment Operation
				0300	Tabulating Machine Wiring
				9900	Other Processing Equipment Operation
				14.02010000	Computer and Console Operators
				14.02020000	Peripheral Equipment Operators
				0100	Key Punch and Coding Equipment Operators
				9900	Other Peripheral Equipment Operators
0799 5199	Other, specify Other, specify	0799	Other, specify	03.17990000	Other Data Processing and Computer Operation
				14.02990000	Other Business Data Processing Systems Occupations

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0800	EDUCATION	0800	EDUCATION	-----------	
0801 5503	Education, general Education technologies	0801	Education, general	14.06010000	Educational Assistants and Training Specialists
0802	Elementary education, general	0802	Elementary education, general	18.01000000	General Elementary Years or Grades
				010000	Early Elementary Years or Grades; Early Childhood Education
				0200	Primary Level (Including Grades 1, 2, and 3 or Equivalent)
				9900	Other Early Elementary Organization
				020000	Intermediate Elementary Level (Including Years or Grades 4, 5, and 6 or Equivalent)
				990000	Other Plan for General Elementary Years or Grades
0803	Secondary education, general	0803	Secondary education, general	18.03000000	General Secondary Years or Grades
				020000	Senior High School
				990000	Other Secondary School Level
0804	Junior high school education	0804	Junior high school education	18.01030000	Upper Elementary Level (Including Years or Grades 7 and 8 or Equivalent)
				.02000000	Middle School Level
				.03010000	Junior High School Level
0805	Higher education, general	0805	Higher education, general	-----------	
0806	Junior and community college education	0806	Junior and community college education	-----------	
0807	Adult and continuing education	0807	Adult and continuing education	-----------	
0808	Special education, general	0808	Special education, general	19.00000000	Differentialized Curriculum for Handicapped Pupils
				.01000000	Communication Skills
				010000	Language Stimulation
				020000	Language Development
				030000	Language Correction
				040000	Speech Stimulation
				050000	Speech Development

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)	A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
		060000	Speech Correction
		070000	Special Communication Methods
		0100	Braille Reading and Writing
		0200	Stimulus Magnification (Visual)
		0300	Stimulus Magnification (Hearing)
		0400	Manual Communication
		0500	Electronic Reproduction
		0600	Typing for Communication
		0700	Speech Reading (Lip Reading)
		9900	Other Special Communication Methods
		990000	Other Communication Skills
		.02000000	Interpersonal and Behavioral Coping Skills
		010000	Self-Concept Development
		020000	Self-Concept Reeducation
		030000	Social
		990000	Other Interpersonal and Behavioral Coping Skills
		.03000000	Motoric Skills
		010000	Dexterity Skills
		0100	Gross Motor Skills
		0200	Fine Motor Skills
		020000	Physical Management
		0100	Self-Help Skills
		0200	Use of Devices and Equipment (Ordinary and Special)
		0300	Personal Safety
		030000	Mobility Training
		0100	Orientation
		0200	Travel
		990000	Other Motoric Skills
		.04000000	Perceptual Skills
		010000	Auditory Training: Stimulation
		020000	Auditory Training: Development
		030000	Auditory Training: Correction
		040000	Tactile and Kinesthetic Stimulation
		050000	Tactile and Kinesthetic Development
		19.04060000	Tactile and Kinesthetic Correction
		070000	Olfactory Stimulation
		080000	Olfactory Development
		090000	Visual Stimulation
		100000	Visual Development
		110000	Visual Correction
		120000	Personal Spatial Relationships
		990000	Other Perceptual Skills
		.05000000	Vocational and Avocational Skills Development

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	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				010000	Vocational Information
				020000	Prevocational Work Experience
				030000	Specialized Vocational Preparation
				040000	Avocational Information
				050000	Avocational Experience
				990000	Other Vocational and Avocational Skills Development
				.99000000	Other Differentialized Curriculum for Handicapped Pupils
0809	Administration of special education	0809	Administration of special education	-----------	
0810	Education of the mentally retarded	0810	Education of the mentally retarded	-----------	
0811	Education of the gifted	0811	Education of the gifted	-----------	
0812	Education of the deaf	0812	Education of the deaf	19.01070300	Stimulus Magnification (Hearing)
				0400	Manual Communication
				0500	Electronic Reproduction
				0600	Typing for Communication
				0700	Speech Reading (Lip Reading)
				19.04010000	Auditory Training: Stimulation
				020000	Auditory Training: Development
				030000	Auditory Training: Correction
0813	Education of the culturally disadvantaged	0813	Education of the culturally disadvantaged	-----------	
0814	Education of the visually handicapped	0814	Education of the visually handicapped	19.01070100	Braille Reading and Writing
				0200	Stimulus Magnification (Visual)
				19.04090000	Visual Stimulation
				100000	Visual Development
				110000	Visual Correction
0815	Speech Correction	0815	Speech correction	19.01040000	Speech Stimulation
				050000	Speech Development
				060000	Speech Correction

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0816	Remedial education	0816	Remedial education	-----------	
0817	Special learning disabilities	0818	Special learning disabilities	-----------	
0819	Education of the physically handicapped	0819	Education of the physically handicapped	19.03000000	Motoric Skills
				010000	Dexterity Skills
				0100	Gross Motor Skills
				0200	Fine Motor Skills
				020000	Physical Management
				0100	Self-Help Skills
				0200	Use of Devices and Equipment (Ordinary and Special)
				0300	Personal Safety
				030000	Mobility Training
				0100	Orientation
				0200	Travel
				990000	Other Motoric Skills
				19.04040000	Tactile and Kinesthetic Stimulation
				050000	Tactile and Kinesthetic Development
				060000	Tactile and Kinesthetic Correction
0820	Education of the multiple handicapped	0820	Education of the multiple handicapped	-----------	
0821	Social foundations (history and philosophy of education)	0821	Social foundations (history and philosophy of education)	-----------	
0822	Educational psychology (include learning theory)	0822	Educational psychology (include learning theory)	15.12020000	Educational Psychology
0823	Pre-elementary education (kindergarten)	0823	Pre-elementary education	18.01010100	Preprimary Level
0824	Educational statistics and research	0824	Educational statistics and research	-----------	
0825	Education testing, evaluation, and measurement	0825	Education testing, evaluation, and measurement	-----------	
0826	Student personnel (counseling and guidance)	0826	Student personnel (counseling and guidance)	-----------	

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS HANDBOOK VI)
0827	Educational administration	0827	Educational administration	-----------
0828	Educational supervision	0828	Educational supervision	-----------
0829	Curriculum and instruction	0829	Curriculum and instruction	-----------
0830	Reading education (methodology and theory)	0830	Reading education	-----------
0831	Art education (methodology and theory)	0831	Art education	-----------
0832	Music education (methodology and theory)	0832	Music education	-----------
0833	Mathematics education (methodology and theory)	0833	Mathematics education	-----------
0834	Science education (methodology and theory)	0834	Science education	-----------
0835	Physical education	0835	Physical education	-----------
0836	Driver and safety education	0836	Driver and safety education	-----------
0837	Health education (include family life education)	0837	Health education (include family life education	-----------
0838	Business, commerce, and distributive education	0838	Business, commerce, and distributive education	-----------
0839	Industrial arts, vocational, and technical education	0839	Industrial arts, vocational, and technical education	-----------
----		0840	Home economics, agriculture, and related education	-----------
----		0841	Foreign language education	-----------
----		0842	Vocational rehabilitation	-----------

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
----		0843	Comparative education	-----------
----		0844	Educational experimentation	-----------
----		0845	Educational technologies	-----------
0899	Other, specify	0899	Other, specify	-----------

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0900	ENGINEERING	0900	TECHNOLOGY	-----------	
0901	Engineering, general	0901	Technology, general	-----------	
0925	Engineering technologies (baccalaureate and higher programs)				
5301	Mechanical and engineering technologies, general			10.16040000	Transportation
0902	Aerospace, aeronautical, and astronautical engineering	0902	Aerospace, aeronautical, and astronautical technology, general	13.04050000	Space Exploration
				.04000100	Aeronautics
0925	Engineering technologies (baccalaureate and higher programs)			0200	Astronautics
				16.01010000	Aeronautical Technology
				17.04000000	Aviation Occupations
5302	Aerospace and aviation technologies			010000	Aircraft Maintenance
				0100	Air Frame
				0200	Power Plant
				9900	Other Aircraft Maintenance
0903	Agricultural engineering	0903	Agricultural technology, general	16.01020000	Agricultural Technology
0925	Engineering technologies (baccalaureate and higher programs)			0100	Agricultural Electrification Technology
				0200	Agricultural Machinery and Equipment Technology
				0300	Agricultural Structures and Conveniences
				9900	Other Agricultural Technology
0905	Bioengineering and biomedical engineering	0905	Bioengineering and biomedical technology	-----------	
0925	Engineering technologies (baccalaureate and higher programs)				
0906	Chemical engineering (include petroleum refining)	0906	Chemical technology, general	16.01050000	Chemical Technology
0925	Engineering technologies (baccalaureate and higher programs)				
5305	Chemical technologies (include plastics)				

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0907	Petroleum engineering (exclude petroleum refining)	0907	Petroleum technology	16.01160000	Petroleum Technology
0925	Engineering technologies (baccalaureate and higher programs)				
0908	Civil, construction, and transportation engineering	0908	Civil, construction, and transportation technology, general	10.01000000	Construction
0925	Engineering technologies (baccalaureate and higher programs)			16.01060000	Civil Technology
5309	Civil technologies (surveying, photogrammetry, etc.)			0100	Roadway Technology
5316	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)			0200	Sanitation Technology
				0300	Structural Technology
				9900	Other Civil Technology
0909	Electrical, electronics, and communications engineering	0909	Electrical, electronics, and communications technology, general	10.04000000	Electricity/Electronics
0925	Engineering technologies (baccalaureate and higher programs)			010000	Electricity
5310	Electronics and machine technologies (television, appliance, office machine repair, etc.)			020000	Electricity/Electronics
5311	Electromechanical technologies			030000	Electronics
				990000	Other Electricity/Electronics
				16.01070000	Electrical Technology
				080000	Electromechanical Technology
				17.02000000	Appliance Repair
				010000	Electrical Appliances
				.14000000	Electrical Occupations
				010000	Industrial Electricians
				020000	Lineman
				030000	Motor Repairman
				990000	Other Electrical Occupations
				.15000000	Electronics Occupations
				010000	Communications
				020000	Industrial Electronics
				030000	Radio/Television
				990000	Other Electronics Occupations
				22.02030300	Electronics
				01	Communications
				02	Radar
				03	Sonar
				99	Other Electronics

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0910	Mechanical engineering	0910	Mechanical technology, general	16.01090000	Electromechanical Technology
0925	Engineering technologies (baccalaureate and higher programs)			.01130000	Mechanical Technology
5301	Mechanical and engineering technologies, general			0100	Energy Conversion
5310	Electronics and machine technologies (television, appliance, office machine repair, etc.)			0200	Machine and Tool Design
5311	Electromechanical technologies			0300	Production
5315	Mechanical technologies			9900	Other Mechanical Technology
0911	Geological engineering	0911	Geological technology	-----------	
0925	Engineering technologies (baccalaureate and higher programs)				
0912	Geophysical engineering	0912	Geophysical technology	-----------	
0925	Engineering technologies (baccalaureate and higher programs)				
0913	Industrial and management engineering	0913	Industrial and management technology, general	-----------	
0925	Engineering technologies (baccalaureate and higher programs)			16.0111000C	Industrial Technology
5312	Industrial technologies				
0914	Metallurgical engineering	0914	Metallurgical technology	10.14030000	Metal Technology
0925	Engineering technologies (baccalaureate and higher programs)			16.01140000	Metallurgical Technology
				17.24000000	Metallurgy Occupations
0915	Materials engineering	0915	Materials technology, general	10.12000000	Industrial Materials and Processes
0925	Engineering technologies (baccalaureate and higher programs)			020000	Industrial Materials
				030000	Industrial Materials and Processes
				040000	Industrial Processes
				990000	Other Industrial Materials and Processes

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
0916	Ceramic engineering	0916	Ceramics and clay technology	-----------	
0925	Engineering technologies (baccalaureate and higher programs)				
0917	Textile engineering	0917	Textile and cordage technology	-----------	
0925	Engineering technologies (baccalaureate and higher programs)				
5313	Textile technologies				
0918	Mining and mineral engineering	0918	Mining and mineral technology, general	-----------	
0925	Engineering technologies (baccalaureate and higher programs)				
0919	Engineering physics	0919	Applied physics	-----------	
0920	Nuclear engineering	0920	Nuclear technology	16.01150000	Nuclear Technology
0925	Engineering technologies (baccalaureate and higher programs)			17.20000000	Industrial Atomic Energy Occupations
				010000	Installation, Operation, and Maintenance of Reactors
5316	Nuclear technologies			020000	Radiography
				030000	Industrial Uses of Radioisotopes
				990000	Other Industrial Atomic Energy Occupations
0921	Engineering mechanics	0921	Applied mechanics	-----------	
0922	Environmental and sanitary engineering	0922	Environmental and sanitary technology, general	16.01060200	Sanitation Technology
0925	Engineering technologies (baccalaureate and higher programs)				
5408	Sanitation and public health inspection technologies (environmental health technologies)				
0923	Naval architecture and marine engineering	0923	Naval architecture and marine technology, general	10.16040000	Transportation
0925	Engineering technologies (baccalaureate and higher programs)				

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0924	Ocean engineering	0924	Ocean technology, general	16.06040000	Oceanographic Technology (Physical, Biological, and Fisheries)
	Engineering technologies (baccalaureate and higher programs)				
0925	Engineering technologies (baccalaureate and higher programs)	0926	Land and road vehicle technology, general	10.16000000	Power/Automotive Mechanics
				010000	Automotive Mechanics
				020000	Power/Automotive Mechanics
5306	Automotive technologies			030000	Power Mechanics
5307	Diesel technologies			040000	Transportation
				990000	Other Power/Automotive Mechanics
				16.01040000	Automotive Technology
				17.03000000	Automotive Services
				010000	Body and Fender
				020000	Mechanics
				030000	Specialization
				990000	Other Automotive Industries
				.10030000	Heavy Equipment
				0100	Maintenance
0925	Engineering technologies (baccalaureate and higher programs)	0927	Military technology, general	-----------	
0925	Engineering technologies (baccalaureate and higher programs)	0928	Steam, hydraulic, and pneumatic energy technology	10.12010000	Fluid Power
				16.01100000	Environmental-Control Technology
				0100	Cooling
				0200	Heating
				0300	Refrigeration
				9900	Other Environmental-Control Technology
				17.01000000	Air Conditioning
				010000	Cooling
				020000	Heating
				030000	Ventilating (Filtering and Humidification)
				990000	Other Air Conditioning
				.30000000	Refrigeration
				.32000000	Stationary Energy Sources Occupations
				010000	Electric Power Generating Plants
				990000	Other Stationary Energy Sources Occupations

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
0925	Engineering technologies (baccalaureate and higher programs)	0929	Internal combustion and other special engine technology	17.12000000	Diesel Mechanic
				.31000000	Small Engine Repair (Internal Combustion)
				.32000000	Stationary Energy Sources Occupations
				010000	Electric Power Generating Plants
				020000	Pumping Plants
				990000	Other Stationary Energy Sources Occupations
0925	Engineering technologies (baccalaureate and higher programs)	0930	Fluid distribution technology	17.10070000	Plumbing and Pipe Fitting
				.32020000	Pumping Plants
----		0931	Workshop practice, general	10.14000000	Metals
				010000	Metals
				040000	Sheet Metal
				050000	Welding
				990000	Other Metals
				.15000000	Plastics
				010000	Plastics
				020000	Plastics Technology
				990000	Other Plastics
				17.23000000	Metalworking Occupations
				010000	Foundry
				020000	Machine Shop
				040000	Metal Trades (Combined)
				050000	Sheet Metal
				060000	Welding and Cutting
				0100	Gas Welding
				0200	Electric Welding
				0300	Combination Welding
				0400	Brazing and Soldering
				9900	Other Welding and Cutting
				070000	Tool and Die Making
				080000	Die Sinking
				090000	Metal Patternmaking Occupations
				990000	Other Metalworking Occupations
				.27000000	Plastics Occupations
----		0932	Packing and dispatch technology	-----------	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
----		0933	Machining technology	10.14020000	Metal Machining (Metal Shop)
				030000	Metal Technology
				990000	Other Metals
				17.23020000	Machine Shop
				030000	Machine Tool Operation
				040000	Metal Trades (Combined)
				990000	Other Metalworking Occupations
----		0934	Traffic planning	-----------	
----		0935	Special chemicals technology	-----------	
----		0936	Explosives technology	-----------	
----		0937	Fuels, heating, and combustion technology	-----------	
----		0938	Beverages technology	-----------	
----		0939	Stimulants, tobacco, and narcotics technology	01.04020200	Tobacco
0113	Food science and technology	0940	Food technology	01.04010000	Food Products
0116	Agriculture and forestry technologies (baccalaureate and higher programs)			0100	Meat, Fish, Poultry, Eggs
				0200	Dairy Products
5402	Agriculture technologies (include horticulture)			0300	Fruits and Vegetables
				0400	Cereal Grains
				0500	Oil Seeds
				9900	Other Food Products
				16.02030000	Food Processing Technology
				17.29030000	Meat Cutter
----		0941	Preservation technology	-----------	
----		0942	Oils, fats, and waxes technology	01.04000000	Agricultural Products
				010000	Food Products
				0100	Meat, Fish, Poultry, Eggs
				0200	Dairy Products
				0300	Fruits and Vegetables
				0[illegible]00	Oilseeds
				9[illegible]	Other Food Products
				020000	Nonfood Products
				0100	Cotton
				9900	Other Nonfood Products
				990000	Other Agricultural Products

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
----		0943	Glass technology	-----------	
----		0944	Gypsum, lime, cement, and allied technology	-----------	
----		0945	Color, dye, and paint technology	-----------	
----		0946	Various organic chemical technology	-----------	
1009	Applied design (ceramics, weaving, textile design, fashion designing, jewelry, metalsmithing, interior decoration, commercial art)	0947	Precious metal and gem technology	-----------	
----		0948	Iron and steel goods technology	-----------	
----		0949	Non-ferrous metal goods technology	-----------	
----		0950	Timber and woodwork technology	10.19000000	Woods
				010000	Woods
				020000	Woods Technology
				990000	Other Woods
				17.36000000	Woodworking Occupations
				010000	Millwork and Cabinet Making
				990000	Other Woodworking Occupations
----		0951	Leather technology	17.34000000	Leatherworking
				010000	Shoe Manufacturing
				020000	Shoe Repair
				990000	Other Leatherworking
----		0952	Paper and pulp technology	01.07040000	Wood Utilization
				16.06030000	Forestry Technology
----		0953	Macromolecular materials technology	10.15000000	Plastics
				010000	Plastics
				020000	Plastics Technology
				990000	Other Plastics
				17.27000000	Plastics Occupations
----		0954	Stone technology	-----------	
----		0955	Various natural processable materials technology	-----------	

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
5314	Instrumentation technologies	0956	Precision mechanisms, apparatus, machines, and instruments technology	10.12050000	Instrumentation
				060000	Numerical Control
				16.01120000	Instrumentation Technology
				17.21000000	Instrument Maintenance and Repair Occupations
				010000	Instruments (Other than Watches and Clocks)
				020000	Watchmaking and Repair
----		0957	Smithery, farriery, and hand-forged ironwork technology	-----------	
----		0958	Ironmongery and hardware technology	-----------	
----		0959	Upholstering	17.35000000	Upholstering
----		0960	Saddlery, footware, and gloves technology	17.34000000	Leatherworking
				010000	Shoe Manufacturing
				020000	Shoe Repair
				990000	Other Leatherworking
----		0961	Travel, sport, games, and other equipment technology	-----------	
----		0962	Bookbinding technology	-----------	
----		0963	Picture frame and mirror technology	-----------	
----		0964	Writing, drawing, and artists' materials technology	-----------	
----		0965	Clothing technology	09.02020000	Clothing Management, Production, and Services
				17.33000000	Textile Production and Fabrication
				010000	Dressmaking
				020000	Tailoring
				990000	Other Textile Production and Fabrication
----		0966	Fancy and decorative goods technology	-----------	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0967	Metal fabrication	10.14000000	Metals
				010000	Metals
				040000	Sheet Metal
				990000	Other Metals
				17.23000000	Metalworking Occupations
				020000	Machine Shop
				040000	Metal Trades (Combined)
				050000	Sheet Metal
				990000	Other Metalworking
5308 5317	Welding technologies Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0968	Welding, flame cutting, and related work	10.14050000	Welding
				17.23060000	Welding and Cutting
				0100	Gas Welding
				0200	Electric Welding
				0300	Combination Welding
				0400	Brazing and Soldering Operations
				9900	Other Welding and Cutting
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0969	Electrical assembling, installing, and repairing	17.10020000	Electricity
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0970	Painting, plastering, waterproofing, cementing, and related work	17.10050000	Painting and Decorating
				060000	Plastering
				080000	Drywall Installation
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0971	Excavating, grading, paving, and related work	17.1030000 0200	Heavy Equipment Operation

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0972	Carpentry (excludes millworking and cabinet making)	17.10010000	Carpentry
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0973	Masonry (includes bricklaying)	17.10040000	Masonry
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0974	Plumbing and pipefitting	17.10070000	Plumbing and Pipefitting
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0975	Glazing	17.10090000	Glazing
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0976	Roofing	17.10100000	Roofing
5317	Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)	0977	Other structural work	17.10990000	Other Construction and Maintenance Trades

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
5303	Engineering graphics (tool and machine drafting and design)	0978	Drafting	02.02030200	Industrial and Product Design
5304	Architectural drafting technologies			10.03000000	Drafting
				010000	Architectural Drafting
				020000	Descriptive Drafting
				030000	Drafting
				040000	Drafting Technology
				050000	Engineering Drawing
				060000	Industrial Design
				070000	Mechanical Drawing
				080000	Technical Illustration
				990000	Other Drafting
				17.05000000	Blueprint Reading
				.07030000	Product Design
				.13000000	Drafting Occupations
5309	Civil technologies (surveying, photogrammetry, etc.)	0979	Surveying	-----------	
0999	Other, specify	0999	Other, specify	10.99000000	Other Industrial Arts
5399	Other, specify			16.01990000	Other Engineering-Related Technology
				17.99000000	Other Trade and Industrial Occupations

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1000	FINE AND APPLIED ARTS	1000	FINE AND APPLIED ARTS	02.00000000	ART
				12.00000000	MUSIC
1001	Fine arts, general	1001	Fine arts, general	02.02000000	Art Studio
				010000	Basic Design
				0100	Two-dimensional Design
				0200	Three-dimensional Design
				990000	Other Art Studio
1003	Art history and appreciation	1003	Art history and appreciation	02.01000000	Art History and Theory
				010000	Art History
				020000	Art Theory
				990000	Other Art History and Theory
				08.04050300	Music
1006	Music history and appreciation (musicology)	1006	Music history and appreciation (musicology)	12.01000000	Music (General Education)
				02000000	Music Literature and/or History
1005	Music (liberal arts program)			99000000	Other Music
1007	Dramatic arts	1007	Dramatic arts	05.06000000	Dramatic Arts
				010000	Acting
				020000	Dramatic Literature
				030000	Creative Dramatics
				040000	Play Production
				050000	Playwriting
				060000	Technical Theater and Design
				070000	Theatre Criticism
				080000	Theatre History
				990000	Other Dramatic Arts
				08.03040000	Dance, Rhythms, and Dramatic Activities
				0300	Dramatic Activities
				01	Folk Festival
				02	Free Play
				03	Mimetics
				04	Pageantry
				05	Story Play
				99	Other Dramatic Activities
				.04050200	Drama

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1008	Dance	1008	Dance	08.03040000	Dance, Rhythms, and Dramatic Activities
				0100	Dance (Physical Education)
				01	Folk Dance
				02	Modern Dance
				03	Social Dance
				04	Square Dance
				0200	Rhythms
				.04050100	Dance
				12.06000000	Rhythm and Body Movement
1010	Cinematography	1010	Cinematography	-----------	
1011	Photography	1011	Photography	02.02070000	Photography and Related Media
5012	Applied arts, graphic arts, and fine arts technologies	1012	Applied photography	10.07020000	Photography
				17.09000000	Commercial Photography Occupations
				010000	Photographic, Laboratory and Darkroom Occupations
				990000	Other Commercial Photography Occupations
----		1013	Holography	-----------	
5012	Applied arts, graphic arts, and fine arts technologies	1014	Photomechanical printing processes	10.07030000	Photolithography (Photo-offset-Lithography or Offset)
				17.19030000	Lithography, Photography, and Platemaking
				040000	Photoengraving
5012	Applied arts, graphic arts, and fine arts technologies	1015	Engraving and printing	02.02080000	Printmaking
				10.07000000	Graphic Arts
				010000	Graphic Arts
				040000	Printing
				990000	Other Graphic Arts
				17.19000000	Graphic Arts Occupations
				010000	Composition, Makeup, and Typesetting
				020000	Printing Press Occupations
				030000	Lithography, Photography, and Platemaking
				050000	Silk Screen Making and Printing
				060000	Bookbinding
				990000	Other Graphic Arts

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1002	Art (painting, drawing, sculpture)	1016	Painting	02.02060000	Painting
1002	Art (painting, drawing, sculpture)	1017	Drawing and sketching	02.02050000	Drawing
1002	Art (painting, drawing, sculpture)	1018	Sculpture and plastic arts	02.02040000	Crafts
				0100	Metalwork and Jewelry
1009	Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)			0200	Pottery and Ceramics
				0300	Textiles
				9900	Other Crafts
				090000	Sculpture
				08.04010000	Arts and Crafts
5012	Applied arts, graphic arts, and fine arts technologies				
----		1019	Architecture	-----------	
1004	Music (performing, composition, theory)	1020	Applied music	12.04000000	Vocal Music
				010000	Choir, Chorus, and/or Glee Club
1005	Music (liberal arts program)			0100	Female
				0200	Male
				0300	Mixed
				020000	Vocal Instruction
				0100	Group
				0200	Individual
				030000	Small Vocal Ensembles
				990000	Other Vocal Music
				.05000000	Instrumental Music
				010000	Band
				0100	Concert
				0200	Marching
				0300	Stage
				9900	Other Band
				020000	Orchestra
				0100	Chamber
				0200	Full
				0300	String
				9900	Other Orchestra
				030000	Small Instrumental Ensembles
				040000	Instrumental Instruction
				0100	Group
				0200	Individual
				990000	Other Instrumental Music

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF INSTRUCTIONAL EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1004	Music (performing, composition, theory)	1021	Music composition	-----------	
1005	Music (liberal arts program)				
1004	Music (performing, composition, theory)	1022	Music theory	12.03000000	Music Theory
				010000	Fundamentals
1005	Music (liberal arts program)			020000	Harmony
				990000	Other Music Theory
1009	Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)	1023	Industrial and commercial design	02.02020000	Commercial Design
				0100	Advertising and Graphic Design
				0200	Design for the Performing Arts
				0300	Fashion Design
				0400	Technical and Medical Illustration
5012	Applied arts, graphic arts, and fine arts technologies			9900	Other Commercial Design
				030000	Environmental Design
				0200	Industrial and Product Design
				04.00005100	Commercial Design
				17.07000000	Commercial Art Occupations
				010000	Interior Decorating
				020000	Window Display
				030000	Product Design
				990000	Other Commercial Art Occupations
1009	Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)	1024	Minor arts and crafts (industrial and domestic)	08.04010000	Arts and Crafts
				10.02000000	Crafts (Industrial)
				010000	Art Metals
				020000	Ceramics
				030000	Crafts (Industrial)
5012	Applied arts, graphic arts, and fine arts technologies			040000	Industrial Crafts
				050000	Leather
				060000	Textiles
				990000	Other Crafts (Industrial)
----		1025	Public entertainment	-----------	
----		1026	Art restoration	-----------	
----		1027	Modeling and standing-in	-----------	
1099	Other, specify	1099	Other, specify	02.99000000	Other Art
				08.04059900	Other Performing Arts
				12.99000000	Other Music
				17.07990000	Other Commercial Art Occupations

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1100	FOREIGN LANGUAGES	1100	FOREIGN LANGUAGES	06.00000000	FOREIGN LANGUAGES
1101	Foreign languages, general (includes concentration on more than one foreign language without major emphasis on one language)	1101	Foreign languages, general	06.01000000	Classical Languages
				06.02000000	Modern Foreign Languages
1102	French	1102	French	06.02080000	French
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1103	German	1103	German	06.02090000	German
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1104	Italian	1104	Italian	06.02130000	Italian
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1105	Spanish	1105	Spanish	06.02190000	Spanish
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1106	Russian	1106	Russian	06.02180000	Russian
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1107	Chinese	1107	Chinese	06.01020000	Chinese (Classical)
				.01000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
				06.02030000	Chinese, Modern Mandarin
				040000	Chinese, Cantonese
1108	Japanese	1108	Japanese	06.02140000	Japanese
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1109	Latin	1109	Latin	06.01050000	Latin (Classical)
				.01000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1110	Greek, classical	1110	Greek, classical	06.01030000	Greek (Classical)
				.01000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1111	Hebrew	1111	Hebrew	06.01040000	Hebrew (Classical/Biblical)
				.01000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
				06.02120000	Hebrew, Modern (Israeli)
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1112	Arabic	1112	Arabic	06.01010000	Arabic (Classical)
				.01000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
				06.02010000	Arabic, Modern Standard
				020000	Arabic, Colloquial
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1113	Indian (Asiatic)	1113	Indian (Asiatic) languages	-----------	
1114	Scandinavian languages	1114	Scandinavian languages	06.02060000	Danish
				150000	Norwegian
				220000	Swedish
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
1115	Slavic languages (other than Russian)	1115	Slavic languages (other than Russian)	06.02050000	Czech
				160000	Polish
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1116	African languages (non-semitic)	1116	African languages (non-Semitic)	-----------	
----		1117	Portuguese	06.02170000	Portuguese
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
----		1118	Greek, modern	06.02100000	Greek, Modern
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
----		1119	Indian (American) languages	-----------	
----		1120	Artificial languages	-----------	
1199	Other, specify	1199	Other, specify	06.01990000	Other Classical Languages
				06.02110000	Hawaiian
				.02000100	Culture
				0200	Listening Comprehension
				0300	Reading
				0400	Speaking
				0500	Study of Literature
				0600	Translation
				0700	Writing
				9900	Other Skills, Knowledge, and Understanding
				.02990000	Other Modern Foreign Languages

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1200 5200	HEALTH PROFESSIONS HEALTH SERVICES AND PARAMEDICAL TECHNOLOGIES	1200	HEALTH SERVICES	07.00000000	HEALTH OCCUPATIONS EDUCATION
1201 5201	Health professions, general Health services assistant technologies, general	1201	Health services, general	-----------	
1202 5201	Hospital and health care administration Health services assistant technologies, general	1202	Hospital and health care administration	-----------	
1203	Nursing (baccalaureate and and higher programs)	1203	Nursing, general	07.03000000	Nursing
				010000	Nursing (Associate Degree)
5208	Nursing, R.N. (less than 4-year program)			020000	Practical Vocational Nursing
5209	Nursing, practical (L.P.N. or L.V.N. - less than 4-year program)			030000	Nursing Assistance (Aide)
				040000	Psychiatric Aide
				050000	Surgical Technician (Operating Room Technician)
				060000	Obstetrical Technician
				070000	Home Health Aide
				080000	School Health Aide
				990000	Other Nursing
				16.03050000	Nursing (Associate Degree)
1204	Dentistry (D.D.S. or D.M.D. degree)	1204	Dentistry, general	-----------	
1206	Medicine (M.D. degree)	1206	Medicine, general	-----------	
1208 5210	Occupational therapy Occupational therapy technologies	1208	Occupational therapy	07.04010000	Occupational Therapy
1209 5212	Optometry Optical technologies (include ocular care, ophthalmic, optometric technologies)	1209	Optometry	07.06000000	Ophthalmic
				010000	Ophthalmic Dressing
				030000	Optometrist Assistant
				990000	Other Opthalmic

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1210	Osteopathic medicine (D.O. degree)	1210	Osteopathic medicine	-----------	
1211	Pharmacy	1211	Pharmacy	-----------	
1212	Physical therapy	1212	Physical therapy and rehabilitation	07.04020000	Physical Therapy
5219	Physical therapy technologies				
1213	Dental hygiene (baccalaureate and higher programs)	1213	Dental hygiene	07.01020000	Dental Hygiene
				16.03010000	Dental Hygiene
5203	Dental hygiene technologies				
1214	Public health	1214	Public health	07.07000000	Environmental Health
				010000	Environmental Health Assistant
				030000	Sanitarian Assistant
				990000	Other Environmental Health
				.09060000	Community Health Aide
1215	Medical record librarianship	1215	Medical record librarianship	-----------	
5213	Medical record technologies				
1216	Podiatry (Pod.D. or D.P.), or podiatric medicine (D.P.M.)	1216	Podiatry or podiatric medicine	-----------	
1218	Veterinary medicine (D.V.M. degree)	1218	Veterinary medicine, general	-----------	
1220	Speech pathology and audiology	1220	Speech pathology and audiology	-----------	
1221	Chiropractic	1221	Chiropractic	-----------	
1222	Clinical social work (medical and psychiatric and specialized rehabilitation services)	1222	Clinical social work (medical and psychiatric and specialized rehabilitation services)	-----------	
5216	Psychiatric technologies (include mental health aide programs)				

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1223	Medical laboratory technologies (baccalaureate and higher programs)	1223	Medical laboratory technologies	07.02000000	Medical Laboratory Technology
				010000	Cytology
				020000	Histology
5205	Medical or biological laboratory assistant technologies			030000	Medical Laboratory Assisting
				040000	Hematology
				990000	Other Medical Laboratory Technology
				16.03030000	Medical Laboratory Assisting
				07.01030000	Dental Laboratory Technology
				07.05000000	Radiologic
				010000	Radiologic Technology
				020000	Radiation Therapy
				030000	Nuclear Medical Technology
				990000	Other Radiologic
				.07020000	Radiological Health Technician
				16.03040000	Radiologic Technology
1224	Dental technologies (baccalaureate and higher programs)	1224	Dental laboratory technologies	-----------	
5205	Dental laboratory technologies				
1225	Radiologic technologies (baccalaureate and higher programs)	1225	Radiology	-----------	
5207	Radiologic technologies (x-ray, etc.)				
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1226	Dental public health	-----------	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1227	Endodontics	-----------	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1228	Oral pathology	-----------	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1229	Oral surgery	-----------	

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1230	Orthodontics	-----------	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1231	Pedodontics	-----------	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1232	Periodontology	-----------	
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)	1233	Prosthodontics	-----------	
5205	Dental assistant technologies	1234	Dental assisting	07.01000000 010000 990000	Dental Dental Assisting Other Dental
1207	Medical specialties (work beyond first-professional degree, M.D.)	1235	Aerospace medicine	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1236	Anesthesiology	-----------	
1207	Medical specialties (work beyond first professional degree, M.D.)	1237	Dermatology	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1238	Forensic medicine	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1239	General practice/family practice	-----------	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1240	Internal medicine	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1241	Neurology	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1242	Obstetrics and gynecology	07.03060000	Obstetrical Technician
1207 5212	Medical specialties (work beyond first-professional degree, M.D.) Optical technologies (include ocular care, ophthalmic, optometric technologies)	1243	Ophthalmology	07.06000000 010000 020000 030000 990000	Ophthalmic Ophthalmic Dispensing Orthoptics Optometrist Assistant Other Ophthalmic
1207	Medical specialties (work beyond first-professional degree, M.D.)	1244	Otorhinolaryngology	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1245	Pathology, general	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1246	Neuropathology	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1247	Pediatrics, general	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1248	Pediatric allergy	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1249	Pediatric cardiology	-----------	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1250	Preventive medicine, general	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1251	Psychiatry, general	07.03040000	Psychiatric Aide
1207	Medical specialties (work beyond first-professional degree, M.D.)	1252	Child psychiatry	-----------	
1207 5211	Medical specialties (work beyond first-professional degree, M.D.) Surgical technologies	1253	Surgery, general	07.03050000	Surgical Technician (Operating Room Technician)
1207	Medical specialties (work beyond first-professional degree, M.D.)	1254	Colon and rectal surgery	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1255	Neurological surgery	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1256	Orthopedic surgery	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1257	Plastic surgery	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1258	Thoracic surgery	-----------	
1207	Medical specialties (work beyond first-professional degree, M.D.)	1259	Urology	-----------	

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
5214	Medical assistant and medical office assistant technologies	1260	Medical assisting	07.09040000	Medical Assistant (Assistant in Physician's Office)
				070000	Medical Emergency Technician
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1261	Veterinary public health	-----------	
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1262	Veterinary toxicology	-----------	
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1263	Laboratory animal medicine	-----------	
5206	Animal laboratory assistant technologies				
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1264	Theriogenology	-----------	
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1265	Veterinary internal medicine	-----------	
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1266	Veterinary microbiology	-----------	
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1267	Veterinary ophthalmology	-----------	
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1268	Veterinary pathology	-----------	
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1269	Veterinary radiology	-----------	

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1270	Veterinary surgery	-----------	
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)	1271	Veterinary anesthesiology	-----------	
5206	Animal laboratory assistant technologies	1272	Veterinary medical assisting	-----------	
5215	Inhalation therapy technologies	1273	Inhalation therapy	07.09030000	Inhalation therapy
----		1274	Orthotics and prosthetics	07.04000000	Rehabilitation
				030000	Prosthetics
				040000	Orthotics
				.09100000	Orthopedic Assisting
5217	Electrodiagnostic technologies (include E.K.G., E.E.G., etc.)	1275	Electrodiagnostics	07.09010000	Electroencephalograph Technician
				020000	Electrocardiograph Technician
				16.03020000	Electroencephalograph Technician
----		1276	Blood bank technology	-----------	
----		1277	First aid	08.01060000	First Aid
				22.01030000	Hygiene and First Aid
				.02020300	First Aid
----		1278	Safety education	08.02000000	Safety in Daily Living
				010000	Explosives
				020000	Firearms
				030000	Fire Safety
				040000	Holiday and Vacation Safety
				050000	Personal Responsibility in Unsupervised Activities
				060000	Safety in the Home
				08.02070000	Safety in Physical Education and Recreation
				080000	School Safety
				090000	Traffic Safety

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)	A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
			0100	Bicycle, Motor Bike
			0200	Passenger
			0300	Pedestrian
			0400	Student Patrol
			9900	Other Traffic Safety
			100000	Vocational and Occupational Safety
			110000	Water Safety
			990000	Other Safety in Daily Living
			21.02000000	Safety Education
			010000	Civil Defense
			020000	Explosives
			030000	Law, Liability, and Responsibility
			040000	Personal Responsibility in Unsupervised Activities
			050000	Safety in the Home
			060000	School Safety
			070000	Traffic Safety
			0100	Bicycle, Motor Bike, Other
			0200	Passenger
			0300	Pedestrian
			0400	Student Patrol
			9900	Other Traffic Safety
			080000	Vocational and Occupational Safety
			990000	Other Safety Education
----	1279	General and personal health and hygiene	08.01000000	Health
			08.01010000	Community Health
			020000	Consumer Health
			030000	Disease Prevention and Control: Communicable and Chronic
			040000	Environmental Health
			050000	Family Life Education (including Sex Education)
			070000	Growth and Development
			080000	Harmful Substances
			090000	Health Careers
			100000	Health Maintenance and Care
			0100	Foods and Nutrition
			0200	Dental Health
			0300	Physical Fitness: Exercise, Work, Sleep, Rest, Relaxation, and Recreation
			0400	Personal Grooming and Body Care
			9900	Other Health Maintenance and Care
			110000	International Health
			990000	Other Health

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
----		1280	Mental Health	07.08000000	Mental Health Technology
				010000	Mental Health Technician
				020000	Mental Retardation Aide
				990000	Other Mental Health Technology
				08.01100500	Mental Health
----		1281	Mortuary Science	07.09090000	Mortuary Science
----		1282	Acupuncture	-----------	
1299	Other, specify	1299	Other, specify	07.04990000	Other Rehabilitation
5299	Other, specify			.09000000	Miscellaneous Health Occupations Education
				050000	Central Supply Technician
				.99000000	Other Health Occupations Education
				16.03990000	Other Health-related Technology

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1300	HOME ECONOMICS	1300	HOME ECONOMICS	09.00000000	HOME ECONOMICS
1301	Home economics, general	1301	Home economics, general	09.01000000	Homemaking-Preparation for Personal, Home, and Family Living
				010000	Comprehensive Homemaking or Home Economics
				.02000000	Occupational Preparation
				16.05000000	Home Economics-Related Technology
1302	Home decoration and home equipment	1302	Home decoration and home equipment	09.01090000	Housing and Home Furnishings
				.02040000	Home Furnishings, Equipment, and Services
				16.05050000	Interior Decorator Assistant
				060000	Home Equipment Demonstrator
				17.07010000	Interior Decorating
1303	Clothing and textiles	1303	Clothing and textiles	09.01030000	Clothing and Textiles
1304	Consumer economics and home management	1304	Consumer economics and home management	03.15000000	Consumer Education
				.18010000	Consumer Economics
				.30000000	Personal Finance
				04.00008200	Product Information
				8300	Nontextiles
				8400	Textiles
				09.01040000	Consumer Education
				080000	Home Management
				09.02050000	Institutional and Home Management and Supporting Services
				15.05000000	Consumer Education
1305	Family relations and child development	1305	Family relations and child development	09.01020000	Child Development
				050000	Family Health
				060000	Family Relations
1306	Foods and nutrition (include dietetics)	1306	Foods and nutrition (include dietetics)	07.09080000	Food Service Supervisor
				09.01070000	Foods and Nutrition

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
----		1308	Child care and guidance	09.02010000	Care and Guidance of Children
				16.05010000	Child Care Center Assistant
				020000	Hospital Children's Division Assistant
				030000	Teacher's Assistant at the Preprimary Level
----		1309	Geriatric care	-----------	
1399	Other, specify	1399	Other, specify	09.01990000	Other Homemaking
				.02990000	Other Occupational Preparation
				16.05990000	Other Home Economics--Related Technology

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1400	LAW	1400	LAW	-----------	
1401	Law, general	1401	Law, general	-----------	
----		1402	Comparative law	-----------	
----		1403	International law	-----------	
----		1404	Public law	-----------	
----		1405	Criminal law	-----------	
----		1406	Private law	-----------	
----		1407	Commercial law	03.09000000 04.00008700	Business Law Business Law
----		1408	Legal procedures and organization	-----------	
1499	Other, specify	1499	Other, specify	-----------	

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1500	LETTERS	1500	LETTERS	05.00000000	English Language Arts
1501	English, general	1501	English, general	03.06000000	Business Communications
				030000	Spelling and Vocabulary Building
				990000	Other Business Communication
				04.00008800	Communications for Distribution
				05.01000000	Language Skills
				010000	Reading
				0100	Reading Readiness
				0200	Beginning Reading
				0300	Developmental Reading Program
				0400	Basal Reader Program
				0500	Remedial Reading Program
				0600	Individualized Reading
				0700	Oral Reading
				0800	Initial Teaching Alphabet
				9900	Other Reading
				020000	Handwriting
				0100	Manuscript Writing
				0200	Cursive Writing
				9900	Other Handwriting
				030000	Spelling
				040000	Punctuation
				050000	Listening
				060000	Dictionary Skills
				070000	Reference Skills
				080000	Voice and Diction
				990000	Other Language Skills
				08.04020000	Communicative Arts
				19.01000000	Communication Skills
				010000	Language Stimulation
				020000	Language Development
				030000	Language Correction
				040000	Speech Stimulation
				050000	Speech Development
				060000	Speech Correction
				990000	Other Communication Skills

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1502	Literature, English	1502	Literature, English	05.03000000	Literature
				010000	American Literature
				040000	English Literature
				360000	Biography
				370000	Drama
				380000	Essay
				390000	Fiction
				400000	Poetry
				650000	Other Literature by Genre
				660000	Children's Literature
				670000	Literature for Adolescents
				680000	Myth and Legend
				990000	Other Literature
1503	Comparative literature	1503	Comparative literature	05.03020000	Biblical Literature
				050000	World Literature
				350000	Other Literature by Source
				360000	Biography
				370000	Drama
				380000	Essay
				390000	Fiction
				400000	Poetry
				650000	Other Literature by Genre
				660000	Children's Literature
				670000	Literature for Adolescents
				680000	Myth and Legend
				990000	Other Literature
1504	Classics	1504	Classics	05.03030000	Classical Literature
				360000	Biography
				370000	Drama
				380000	Essay
				390000	Fiction
				400000	Poetry
				650000	Other Literature by Genre
				660000	Children's Literature
				670000	Literature for Adolescents
				680000	Myth and Legend
				990000	Other Literature

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1505	Linguistics (include phonetics, semantics, and philology)	1505	Linguistics (include phonetics, semantics, and philology)	05.02000000	Linguistics
				010000	Phonology
				0100	Phonetics
				0200	Phonemics
				020000	Grammar
				0100	Traditional Grammar
				0200	Structural Grammar (Descriptive)
				0300	Generative Grammar
				0400	Transformational Grammar
				030000	Usage (Functional Grammar)
				040000	History of the English Grammar
				050000	Dialectology
				060000	Semantics (Semology)
				070000	Study About Language
				990000	Other Linguistics
1506	Speech, debate, and forensic science (rhetoric and public address)	1506	Speech, debate, and forensic science (rhetoric and public address)	05.05000000	Speech
				010000	Rhetoric and Public Address
				0100	Public Speaking
				0200	Argumentation and Debate
				0300	Communication Theory
				0400	Listening
				04.00009100	Effective Store Speech
				05.04010200	Rhetoric
				05.04020200	Persuasive Writing
				05.05010500	Discussion
				0600	Speech Criticism
				0700	Parliamentary Procedure
				0800	Persuasion
				9900	Other Rhetoric and Public Address
				020000	Oral Interpretation of Literature
				0100	Choral Speech
				0200	Readers' Theatre
				030000	Speech Improvement
				0100	Voice and Diction
				9900	Other Speech Improvement
				.05990000	Other Speech
				19.01000000	Communication Skills
				010000	Language Stimulation
				020000	Language Development
				030000	Language Correction
				040000	Speech Stimulation
				050000	Speech Development
				060000	Speech Correction
				990000	Other Communication Skills

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1507	Creative writing	1507	Creative writing	05.04020300	Creative Writing
1508	Teaching of English as a foreign language	1508	Teaching of English as a foreign language	06.02070000	English as a Foreign Language
----		1511	Composition (exclude creative writing	03.06010000	Business Correspondence
				020000	Report Writing
				04.00009700	Report Writing
				05.04000000	Composition
				010000	Theory
				0100	Logic
				0200	Rhetoric
				0300	General Sematics
				020000	Writing
				0100	Expository Writing
				0200	Persuasive Writing
				0400	Narrative Writing
				990000	Other Composition
1599	Other, specify	1599	Other, specify	05.99000000	Other English Language Arts

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1600	LIBRARY SCIENCE	1600	LIBRARY, ARCHIVAL, AND MUSEUM SCIENCES	-----------
1601 5504	Library science, general Library assistant technologies	1601	Library science, general	-----------
----		1602	Archival science, general	-----------
----		1603	Museum and related administration	-----------
1699	Other, specify	1699	Other, specify	-----------

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS HANDBOOK VI	
1700	MATHEMATICS	1700	MATHEMATICS	11.00000000	MATHEMATICS
1701	Mathematics, general	1701	Mathematics, general	11.10000000	First-year College Mathematics for Elementary School Teachers
				.11000000	General Mathematics
				010000	First-year General Mathematics
				020000	Second-year General Mathematics
				030000	Third-year General Mathematics
				040000	Fourth-year General Mathematics
				.14000000	Liberal Arts Mathematics
1702	Statistics, mathematical and theoretical	1702	Statistics, mathematical and theoretical	11.11010300	Algebra and Statistics
2007	Statistics in psychology			020300	Algebra and Statistics
				030300	Algebra and Statistics
				040300	Algebra and Statistics
				.15000000	Probability and Statistics
1703	Applied mathematics	1703	Applied mathematics (theoretical applications)	03.07030000	Computer-Oriented Mathematics
2007	Statistics in psychology			10.09000000	Industrial Arts Mathematics
				11.05000000	Applied Mathematics
				010000	Business Arithmetic
				020000	Consumer Mathematics
				030000	Shop Mathematics
				990000	Other Applied Mathematics
				.08000000	Computer Mathematics
----		1704	Arithmetic	11.02010000	Arithmetic
				.11010100	Arithmetic
				020100	Arithmetic
				030100	Arithmetic
				040100	Arithmetic
----		1705	Algebra	11.02030000	Algebra and Statistics
				.03000000	Algebra
				010000	First-year
				020000	Second-year
				030000	Third-year
				11.03040000	College Algebra
				050000	Intermediate Algebra
				060000	Linear Algebra
				990000	Other Algebra
				.04000000	Algebra and Trigonometry (Integrated)
				.09000000	Elementary Functions
				.11010300	Algebra and Statistics
				020300	Algebra and Statistics

(continued)

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				030300	Algebra and Statistics
				040300	Algebra and Statistics
				.13000000	Introduction to Analysis
----		1706	Geometry	11.02020000	Geometry
				.07000000	Calculus with Analytic Geometry
				.12000000	Geometry
				010000	Analytic Geometry
				020000	Plane Geometry
				030000	Plane and Solid Geometry
				040000	Solid Geometry
				990000	Other Geometry
				.13000000	Introduction to Analysis
----		1707	Trigonometry	11.04000000	Algebra and Trigonometry (Integrated)
				.13000000	Introduction to Analysis
				.16000000	Trigonometry
----		1708	Calculus	11.06000000	Calculus
				010000	First-year Calculus
				020000	Second-year Calculus
				.07000000	Calculus with Analytic Geometry
----		1709	Special methods of calculation	-----------	
1799	Other, specify	1799	Other, specify	11.99000000	Other Mathematics

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1800	MILITARY SCIENCES	1800	MILITARY SCIENCES	22.00000000	JUNIOR ROTC
1801	Military science (Army)	1801	Military science (Army)	22.01000000	Army Junior ROTC
				010000	Introduction to ROTC/NDCC and Military Organization
				020000	Leadership
				0100	Courtesies, Customs, and Rules of Conduct
				0200	Leadership, Drill, and Exercise of Command
				0300	Psychology of Leadership
				0400	Principles of Leadership
				9900	Other Leadership
				030000	Hygiene and First Aid
				040000	Weapons
				0100	Individual Weapons
				0200	Crew-served Weapons
				9900	Other Weapons
				050000	Marksmanship
				060000	American Military History
				070000	Small Unit Tactics: Infantry
				0100	Individual
				0200	Squad
				0300	Platoon
				0400	Company
				0500	Battalion
				9900	Other Small Unit Tactics: Infantry
				080000	Map and Terrain Analysis
				090000	Military Teaching Methods
				100000	New Developments
				110000	Military Service: Opportunities, Obligations, and Benefits
				120000	Counterinsurgency
				130000	Branches of the Army
				140000	Communications
				150000	Methods of Instruction
				990000	Other Army Junior ROTC

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1802	Naval science (Navy, Marines)	1802	Naval science (Navy, Marines)	22.02000000	Navy Junior ROTC
				010000	Naval Science I
				0100	Drills, Commands, and Ceremonies
				0200	Orientation and Sea Power
				9900	Other Naval Science I Topics
				020000	Naval Science II
				0100	Adventures in Science
				01	Meteorology
				02	Oceanography
				99	Other Adventures in Science Topics
				0200	Drills, Commands, and Ceremonies
				22.02020300	First Aid
				0400	Navigation I
				0500	Seamanship
				9900	Other Naval Science II
				030000	Naval Science III
				0100	Adventure in Science
				01	Astronomy
				99	Other Adventures in Science Topics
				0200	Drills, Commands, and Ceremonies
				0300	Electronics
				01	Communications
				02	Radar
				03	Sonar
				99	Other Electronics
				0400	Judo
				0500	Leadership
				0600	Navigation II
				0700	Survival
				9900	Other Naval Science III
				990000	Other Navy Junior ROTC
				.04000000	Marine Corps, Junior ROTC
				010000	Military Training I
				0100	Introduction to Marine Corps Junior Reserve Officer Training Corps
				0200	History and Traditions of the Marine Corps
				0300	Military Organization
				0400	Courtesies, Customs, and Rules of Conduct
				0500	Hygiene
				0600	First Aid

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				0700	Leadership, Drill, and Exercise of Command
				0800	Weapons
				0900	Marksmanship
				9900	Other Military Training I
				020000	Military Training II
				0100	Military Organizations
				0200	Leadership, Drill, and Exercise of Command
				0300	Weapons
				0400	Marksmanship
				0500	Small Unit Infantry Tactics
				0600	Map Reading and Use of the Compass
				0700	Individual Training for Atomic Warfare
				9900	Other Military Training II
				22.04030000	Military Training III
				0100	History and Traditions of the Marine Corps
				0200	Leadership, Drill, and Exercise of Command
				0300	Weapons
				0400	Marksmanship
				0500	Map and Aerial Photographs
				0600	Small Unit Tactics: Infantry
				0700	Military Teaching Methods
				0800	New Developments
				0900	Organization of the Marine Corps
				1000	Military Service: Opportunities, Obligations, and Benefits
				9900	Other Military Training III
				990000	Other Marine Corps Junior ROTC
1803	Aerospace science (Air Force)	1803	Aerospace science (Air Force)	22.03000000	Air Force Junior ROTC
				010000	Introduction to Aerospace Education
				0100	The Coming of the Aerospace Age
				0200	Aerospace and the American People
				0300	Aircraft of Today
				0400	Space and the Universe
				0500	Spacecraft and Launch Vehicles
				0600	Weather
				0700	The Air Force Community
				0800	Air Force Traditions, Customs, and Flight Drill
				9900	Other Introduction to Aerospace Education

(continued)

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				020000	Elements of Aerospace Education
				0100	Theory of Aircraft Flight
				0200	Propulsion Systems for Aircraft
				0300	Air Navigation
				0400	Aerospace Industry and Research
				0500	Civilian Aviation and Facilities
				0600	Military Aerospace
				0700	Techniques of Instruction and Ceremonial Drill
				9900	Other Elements of Aerospace Education
				030000	Aerospaceage Leadership
				0100	Space Exploration: Manned and Unmanned Flight
				0200	Space Technology/Propulsion: Guidance and Control of Space Vehicles
				0300	International Space Programs
				0400	Human Factors of Aviation and Space
				0500	The Defense of the United States
				0600	Aerospace Opportunities for the Individual
				0700	Aerospace Leadership Application
				9900	Other Aerospaceage Leadership
				040000	National Security
				0100	Elements of National Security, Part I
				0200	Elements of National Security, Part II
				0300	The Military Organizations in Action
				9900	Other National Security
				990000	Other Air Force Junior ROTC
----		1804	Coastal Science (Coast Guard)	-----------	
1899	Other, specify	1899	Other, specify	-----------	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1900	PHYSICAL SCIENCES	1900	PHYSICAL SCIENCES	13.00000000	NATURAL SCIENCES
1901	Physical sciences, general	1901	Physical sciences, general	13.03000000	Physical Sciences (including General Physical Science)
				990000	Other Physical Sciences
				.03003200	Technological Applications
				9900	Other Major Aspects of the Physical Sciences
1902	Physics, general (exclude biophysics)	1902	Physics, general (excludes biophysics)	10.11000000	Industrial Arts Science (Applied Physics)
				13.03020000	Physics
				.03001200	Heat
				1700	Mechanics
				2100	Optics
				3000	Sound
				3400	Wave Phenomena
				.04001300	Matter-energy Exchange
1903	Molecular physics	1903	Molecular and atomic physics	13.03000200	Atomic and Molecular Structure
				1400	Kinetic Molecular Theory
				2300	Periodic Properties
				2800	Solid State Physics
1904	Nuclear physics	1904	Nuclear physics	13.03001900	Nuclear Science
				2700	Quantum Mechanics
1905	Chemistry, general (exclude biochemistry)	1905	Chemistry, general (excludes biochemistry)	10.10000000	Industrial Arts Science (Applied Chemistry)
				13.03010000	Chemistry
				.03000500	Chemical Bonding
				0600	Chemical Calculations
				0700	Chemical Reactions
				0800	Electricity and Magnetism
				0900	Electronics
				1000	Equilibrium
1906	Inorganic chemistry	1906	Inorganic chemistry	13.03001300	Inorganic Chemistry
1907	Organic chemistry	1907	Organic chemistry	13.03002200	Organic Chemistry

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
1908	Physical chemistry	1908	Physical chemistry	13.03002400	Physical Chemistry
				2900	Solution Phenomena
				3300	Thermodynamics
1909	Analytical chemistry	1909	Analytical chemistry	13.03001600	Measurement
				2500	Qualitative Analysis
				2600	Quantitative Analysis
				3100	Stoichiometry
				.04001400	Measurement
1910	Pharmaceutical chemistry	1910	Pharmaceutical chemistry	-----------	
1911	Astronomy	1911	Astronomy	13.03000100	Astronomy
				.04000500	Cosmology
				.04010000	Astronomy
				22.02030101	Astronomy
1912	Astrophysics	1912	Astrophysics	-----------	
1913	Atmospheric sciences and meteorology	1913	Atmospheric sciences and meteorology	13.03001800	Meteorology
				.04000400	Climatology
				.04030000	Meteorology
				22.02020101	Meteorology
				.03010600	Weather
1914	Geology	1914	Geology	13.03001100	Geology
				.04020000	Geology
				.04001800	Uniformitarianism
1915	Geochemistry	1915	Geochemistry	13.04000800	Geochemistry
1916	Geophysics and seismology	1916	Geophysics, general	13.04000600	Earth Changes
				0700	Forces and Motion
				0900	Geophysics
1917	Earth sciences, general	1917	Earth sciences, general	13.04000000	Earth - Space Sciences (Including General Earth - Space Science)
				.04001100	Instrumentation and Analytical Methods
				1200	Levels of Organization
				1600	Physical Geography
				1700	Soil Science
				1900	Technological Applications
				9900	Other Major Aspects of the Earth - Space Sciences
				990000	Other Earth - Space Science
				15.07030000	Physical Geography
				0100	Atmosphere: Weather, Climate

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				990000	Other Earth - Space Science
				15.07030000	Physical Geography
				0100	Atmosphere. Weather, Climate
				0200	Biosphere: Wild Plants, Wild Animals
				0300	Exosphere, e.g., Remote Sensing
				0400	Hydrosphere: Oceans, Other Surface Water Bodies, Subsurface Water, Land Ice
				0500	Lithosphere: Land Forms, Minerals, Soils
				9900	Other Aspects of Physical Geography
1918	Paleontology	1918	Paleontology	13.04000300	Biological Interrelationships
				13.04001500	Paleontology
1919	Oceanography	1919	Oceanography	13.03002000	Oceanography
5406	Marine and oceanographic technologies			.04040000	Oceanography
				16.06040000	Oceanographic Technology (Physical, Biological, and Fisheries)
				22.02020102	Oceanography
1920	Metallurgy	1920	Metallurgy	13.03001500	Materials Science
----		1921	Mineralogy	-----------	
----		1922	Hydrology	13.04001000	Hydrology
1916	Geophysics and Seismology	1923	Seismology	-----------	
----		1924	Volcanology	-----------	
1999	Other, specify	1999	Other, specify	13.01000000	General Science
				.03990000	Other Physical Sciences

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
2000	PSYCHOLOGY	2000	PSYCHOLOGY	15.12000000	PSYCHOLOGY
2001	Psychology, general	2001	Psychology, general	15.12030000	General Psychology
2002	Experimental psychology (animal and human)	2002	Experimental psychology (animal and human)	-----------	
2003	Clinical psychology	2003	Clinical psychology	-----------	
2004	Psychology for counseling	2004	Psychology for counseling	-----------	
2005	Social psychology	2005	Social psychology	15.12040000 050000	Psychology of Adjustment Social Psychology
2006	Psychometrics	2006	Psychometrics	-----------	
2008	Industrial psychology	2008	Industrial psychology	-----------	
2009	Developmental psychology	2009	Developmental psychology	15.12010000	Developmental Psychology
2010	Physiological psychology	2010	Physiological psychology	-----------	
----		2011	Abnormal psychology	-----------	
----		2012	Special mental conditions	-----------	
----		2013	Creativity	-----------	
----		2014	Astrology	-----------	
2099	Other, specify	2099	Other, specify	15.12990000	Other Psychology

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
2100	PUBLIC AFFAIRS AND SERVICES	2100	PUBLIC AFFAIRS AND SERVICES	-----------	
2101 5501	Community services, general Public service technologies, general	2101	Community services, general	17.28000000	Public Service Occupations
2102 5508	Public administration Public administration and management technologies	2102	Public administration	-----------	
2103 5506	Parks and recreation management Recreation and social work related technologies	2103	Parks and recreation management	-----------	
2104	Social work and helping services (other than clinical social work)	2104	Social work and helping services (other than clinical social work)	-----------	
2105	Law enforcement and corrections (baccalaureate and higher programs)	2105	Law enforcement and corrections	16.06050000 17.28020000	Police (Law Enforcement and Corrections) Science Technology Law Enforcement Training
5505	Police, law enforcement, corrections technology				
2106	International public service (other than diplomatic service)	2106	International public service (other than diplomatic service)	-----------	
5507	Fire control technology	2107	Fire protection	16.06020000 17.28010000	Fire and Fire Safety Technology Fireman Training
----		2108	Citizenship	15.03000000	Citizenship Education
----		2109	Civil service preparation	-----------	
2199 5599	Other, specify Other, specify	2199	Other, specify	17.28990000	Other Public Service Occupations

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
2200	SOCIAL SCIENCES	2200	SOCIAL SCIENCES	15.00000000	SOCIAL SCIENCES/SOCIAL STUDIES
2201	Social sciences, general	2201	Social sciences, general		
2202	Anthropology	2202	Anthropology	13.02000200	Anthropology
				15.01000000	Anthropology
				020000	Cultural (Social) Anthropology
				0100	Acculturation
				0200	American Indians
				0300	Community Development
				0400	Culture
				0500	Cultural Change
				0600	Cultural Evolution
				0700	Cultural Psychology
				0800	Cultural Transmission
				0900	Cultural Values
				1000	Folk Societies
				1100	Kinship Systems
				1200	Peasant Societies
				1300	Personality and Culture
				1400	Prehistoric People
				1500	Primitive Peoples, e.g., Bushmen, Eskimos
				1600	Race
				1700	Social, Political, Economic, Organization
				9900	Other Topics in Cultural (Social) Anthropology
				030000	Ethnography
				040000	Ethnology
				050000	Ethnoscience
				060000	Physical Anthropology
				0100	Evolution
				0200	Prehistoric People
				0300	Primitive Behavior
				0400	Primitive Peoples, e.g., Bushmen, Eskimos
				0500	Race
				9900	Other Topics in Physical Anthropology
				990000	Other Anthropology

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
2203	Archaeology	2203	Archaeology	15.01010000	Archaeology
2204	Economics	2204	Economics	03.18000000	Economics
				010000	Consumer Economics
				020000	Labor Economics
				040000	Principles of Economics
				990000	Other Economics
				15.06000000	Economics
				010000	Business and Industry Economics
				020000	Comparative Economics
				030000	Consumer Economics
				040000	History of Economic Thought
				060000	National Income (and Components Thereof)
				070000	Principles of Economics
				080000	Resource Economics
				990000	Other Economics
2205	History	2205	History	15.08000000	History
				010000	American History (including Canada, Latin America, and the United States)
				020000	Local History
				030000	Modern History
				040000	State History
				050000	United States History
				060000	Western Civilization
				070000	Nonwestern Civilization
				080000	World Civilization
				090000	World History
				990000	Other History
2206	Geography	2206	Geography	03.19000000	Economic Geography
				15.07000000	Geography
				010000	Historical Geography
				020000	Human Geography
				0100	Cartographic Interpretation
				0200	Circulation Patterns
				0300	Economic Patterns
				0400	Political Patterns
				0500	Population
				0600	Settlement Patterns
				9900	Other Human Geography
				040000	Regional Geography

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				0100	Agricultural Regions
				0200	Climatic Regions
				0300	Continental Regions
				0400	Culture Regions
				0500	Landform Regions
				0600	Manufacturing Regions
				0700	Political Regions
				0800	Population (Human) Regions
				0900	Vegetation Regions
				9900	Other Regional Geography
				990000	Other Geography
2207	Political science and government	2207	Political science and government	15.11000000	Political Science
				010000	American Government
				0100	The Constitution
				0200	Other American Government
				020000	Comparative Systems
				030000	Contemporary World Affairs
				040000	International Relations
				050000	Political Parties and Public Opinion
				060000	Political Socialization
				070000	Political Theory
				990000	Other Political Science
2208	Sociology	2208	Sociology	15.13000000	Sociology
				010000	The Community
				0100	Rural Society
				0200	Urban Society
				9900	Other Community
				020000	Public Opinion and Political Sociology
				030000	Socialization
				040000	Social Organization
				0100	Education
				0200	Family
				0300	Religion
				9900	Other Social Organization
				050000	Social Problems
				060000	Social Stratification
				070000	Social Theory
				990000	Other Sociology

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
2209	Criminology	2209	Criminology	-----------	
2210	International relations	2210	International relations	-----------	
2211	Afro-American (black culture) studies	2211	Afro-American (black culture) studies	-----------	
2212	American Indian cultural studies	2212	American Indian cultural studies	-----------	
2213	Mexican-American cultural studies	2213	Mexican-American cultural studies	-----------	
2214	Urban studies	2214	Urban studies	-----------	
2215	Demography	2215	Demography	-----------	
----		2216	Asian-American cultural studies	-----------	
----		2217	Women's studies	-----------	
2299	Other, specify	2299	Other, specify	15.99000000	Other Social Science/Social Studies

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
2300	THEOLOGY	2300	THEOLOGY	-----------
2301 5502	Theological professions, general Bible study or religion-related occupations	2301	Theological professions, general	-----------
2302 5502	Religious music Bible study or religion-related occupations	2302	Religious music	-----------
2303 5502	Biblical languages Bible study or religion-related occupations	2303	Biblical languages	-----------
2304 5502	Religious education Bible study or religion-related occupations	2304	Religious education	-----------
5502	Bible study or religion-related occupations	2305	Ecclesiastical and canonical law	-----------
5502	Bible study or religion-related occupations	2306	Non-Christian religions and cults	-----------
2399 5502	Other, specify Bible study or religion-related occupations	2399	Other, specify	-----------

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
1509	PHILOSOPHY	2500	PHILOSOPHY	15.10000000 .10030000	PHILOSOPHY Introduction to Philosophy
1509	Philosophy	2501	Metaphysics	15.10050000	Metaphysics
1509	Philosophy	2502	Logic	15.10040000	Logic
1509	Philosophy	2503	Ethics	15.10010000	Ethics
1509	Philosophy	2504	Aesthetics	-----------	
1509	Philosophy	2505	History of philosophy	15.10020000	History of Philosophy
1510	Religious studies (exclude theological professions)	2506	Religious studies (exclude theological professions)	15.10060000	Philosophy of Religion
1509	Philosophy	2599	Other, specify	15.10060000 15.10990000	Philosophy of Religion Other Philosophy

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
----	2600	PHYSICAL EDUCATION AND RECREATION	-----------	
----	2601	Adapted physical education	08.03010000	Adapted physical education
----	2602	Aquatics	08.03020000	Aquatics
			0100	Diving
			0200	Lifesaving
			0300	Skin and Scuba Diving
			0400	Small Crafts
			0500	Surfing
			0600	Swimming
			0700	Synchronized Swimming
			0800	Water Games
			0900	Waterskiing
			9900	Other Aquatics
----	2603	Body dynamics	08.03000000	Body Dynamics
			0100	Conditioning Exercises
			0200	Fundamental Movements
			0300	Individual Self-testing Events
			0400	Posture Education
			9900	Other Body Dynamics
----	2604	Group games, contests, and relays	08.03050000	Group Games, Contests, and Relays
----	2605	Individual and dual sports	08.03060000	Individual and Dual Sports
			0100	Archery
			0200	Badminton
			0300	Bowling
			0400	Fencing
			0500	Golf
			0600	Handball
			0700	Tennis
			0800	Track and Field
			0900	Wrestling
			9900	Other Individual and Dual Sports
----	2606	Stunts, tumbling, and gymnastics	08.03080000	Stunts, Tumbling, and Gymnastics
			0100	Balance Beam
			0200	Building Pyramids
			0300	Parallel Bars
			0400	Horizontal Bars

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				0500	Rings
				0600	Ropes
				0700	Side Horse
				0800	Trampoline
				9900	Other Stunts, Tumbling, and Gymnastics
----		2607	Team sports	08.03090000	Team Sports
				0100	Baseball
				0200	Basketball
				0300	Cross Country
				0400	Curling
				0500	Field Hockey
				0600	Football
				0700	Ice Hockey
				0800	Lacrosse
				0900	Soccer
				1000	Softball
				1100	Speed-a-way
				1200	Speedball
				1300	Volleyball
				1400	Water Polo
				9900	Other Team Sports
----		2608	Outdoor recreation	08.03070000	Outdoor Recreational Activities
				0100	Camping
				0200	Cycling
				0300	Fishing
				0400	Hunting
				01	Bow Hunting
				02	Rifle Hunting
				03	Shotgun Hunting
				99	Other Hunting
				0500	Ice Skating
				0600	Orienteering
				0700	Riding
				0800	Skin and Scuba Diving
				0900	Small Crafts
				01	Boating
				02	Canoeing
				03	Rowing
				04	Sailing
				99	Other Small Crafts
				1000	Snowskiing

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
				01	Cross-Country Skiing
				02	Downhill Skiing
				03	Jump Skiing
				1100	Surfing
				1200	Waterskiing
				9900	Other Outdoor Recreational Activities
----		2609	Self-defense	22.02030400	Judo
----		2610	Games of thought and chance	-----------	
----		2699	Other, specify	08.03990000 08.04990000	Other Physical Education Other Recreation

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
----		2700	SERVICE	-----------	
----		2701	Food and beverage preparation and service	07.09080000	Food Service Supervisor
				09.02030000	Food Management, Production, and Services
				17.29000000	Quantity Food Occupations
				010000	Baker
				020000	Cook/Chef
				030000	Meat Cutter
				040000	Waiter/Waitress
				990000	Other Quantity Food Occupations
----		2702	Barbering, cosmetology, and related service	04.15000000	Personal Services
				17.26000000	Personal Services
				010000	Barbering
				020000	Cosmetology
				990000	Other Personal Services
----		2703	Other personal service	0[illegible]00000	Personal Services
				1[illegible]9000[illegible]	Other Personal Services
----		2704	Animal service	-----------	
----		2705	Apparel and furnishings service	09.02020000	Clothing Management, Production, and Services
				17.16000000	Fabric Maintenance Services
				010000	Dry Cleaning
				020000	Laundering
				990000	Other Fabric-maintenance Services
				.34020000	Shoe Repair
----		2706	Building and related service	17.11000000	Custodial Services
----		2707	Guarding and watching	-----------	
----		2708	Telecommunication service	-----------	
----		2709	Career development service	-----------	
----		2799	Other, specify	-----------	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS		STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
----		2800	SPECIAL COMMUNICATION	19.01070000	Special Communication Methods
----		2801	Dactylology	19.01070400	Manual Communication
----		2802	Braille	19.01070100	Braille Reading and Writing
----		2803	Lip reading	19.01070700	Speech Reading (Lip Reading)
----		2804	Codes	-----------	
----		2805	Cryptography	-----------	
----		2806	Pantomime	-----------	
----		2899	Other, specify	19.01079900	Other Special Communication Methods

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
----	2900	TRANSPORTATION EQUIPMENT OPERATION	-----------	
----	2901	Driver education, general	21.01000000	Driver Education
			010000	Alcohol, Drugs, Other Harmful Substances, and Driving
			020000	Characteristics of Drivers
			030000	Development of Judgment
			040000	Driving Skills (Behind the Wheel Driving)
			050000	Simulation Driving Experience
			060000	Engineering
			070000	Laws and Ordinances of Enforcement
			080000	The Motor Vehicle
			090000	Traffic Accidents
			100000	Traffic Citizenship
			990000	Other Driver Education
----	2902	Truck driving	17.10030000 0200	Heavy Equipment Operation
----	2903	Railroad transportation, general	-----------	
----	2904	Railroad conducting	-----------	
----	2905	Water transportation, general	17.08020000	Ship and Boat Operation and Maintenance
			17.22000000	Maritime Occupations
----	2906	Water transportation, management and operation	17.08020000	Ship and Boat Operation and Maintenance
			17.22000000	Maritime Occupations
----	2907	Air transportation, general	17.04030000	Ground Operations
----	2908	Air transportation, piloting and navigating	16.06010000	Commercial Pilot Training
			17.04020000	Aircraft Operations
			17.04030000	Ground Operations
			22.03020300	Air Navigation
----	2999	Other, specify	-----------	

	A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)	
4900	INTERDISCIPLINARY STUDIES	4900	INTERDISCIPLINARY STUDIES	-----------	
4901	General liberal arts and sciences	4901	General liberal arts and sciences		
4902	Biological and physical sciences	4902	Biological and physical sciences	16.06040000	Oceanographic Technology
4903	Humanities and social sciences	4903	Humanities and social sciences	02.01030000 05.03690000 06.03000000 12.07000000 15.09000000	Humanities Humanities Humanities Humanities Humanities
4904	Engineering and other specialties	4904	Technology and other specialties	-----------	
----		4905	Futuristics	-----------	
0705		4906	Systems analysis	14.02040000 .08040000 16.01170000 .04020000	Systems Analysis Data-methods and Systems-procedures Analysts Scientific Data Processing Systems Analyst Technology
----		4907	High school equivalency preparation	-----------	
4999	Other, specify	4999	Other, specify	-----------	

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION (HEGIS)		A TAXONOMY OF POSTSECONDARY EDUCATION IN SUBJECT MATTER AREAS	STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SCHOOL SYSTEMS (HANDBOOK VI)
----	9100	OTHER, SPECIFY	-----------

APPENDIX C

NOTES ON CHANGES MADE IN SECTION I OF THE HEGIS TAXONOMY

NOTES ON CHANGES MADE IN SECTION I
OF THE HEGIS TAXONOMY

Although one of the objectives of the authors was to leave unchanged the names and codes of the categories in Section I of the HEGIS taxonomy, there were a number of cases in which problems were felt to exist in the Section I categories that could be corrected with minor modifications. These modifications are enumerated below with a brief reason for the changes for each subject matter division.

0100 Agriculture and Natural Resources

Food science and technology (0113) was deleted since it duplicated the content of Food Technology (0940). Agriculture and forest technologies (0116) was deleted since it was felt to represent only a different level of emphasis of subject matter found elsewhere in the taxonomy. In addition, eight new specialties (0118-0125) have been added to make this division more comprehensive.

0200 Architecture and Environmental Design

One new specialty (World planning [0207]) has been added to make this division more comprehensive.

0300 Area Studies

Four new specialties (Atlantic area studies [0315], Artic area studies [0316], Antarctic area studies [0317], and Area studies, general [0318]) have been added to make this division more comprehensive. The specialties in this division now correspond fairly closely to the categories in the Dewey Decimal and Universal Decimal Classification systems.

0400 Biological Sciences

Seven new specialties (0428-0434) have been added to make this division more comprehensive.

0500 Business, Commerce, and Management

One new specialty (Credit and collections [0518]) has been added to make this division more comprehensive.

0600 Communications

No additions or deletions have been made in this division.

0700 Computer and Information Sciences

Information sciences and systems (0702) was deleted because it was felt to be too vague and general. Systems Analysis (0705) was moved to the Interdisciplinary Studies division. Three new specialties (Artificial intelligence [0706], Information storage and retrieval [0707], and Processing equipment operation [0708]) have been added to make this division more comprehensive. The specialties in this division now are relatively consistent with the categories used by the Association for Computing Machinery.

0800 Education

Six new specialties (0840-0845) have been added to make this division more comprehensive.

0900 Technology

The name of this division was changed from Engineering to Technology to broaden the connotation from strictly higher education to postsecondary education. The word "Technology" replaces "Engineering" in most specialties in the taxonomy for similar reasons. The names of Engineering physics (0919) and Engineering mechanics (0921) were changed to Applied physics and Applied mechanics, respectively.

Architectural engineering (0904) was deleted because of overlaps with 0200 and 0908. Engineering technologies (0925) was deleted because it can be included in appropriate detailed categories in the proposed taxonomy.

Several of the specialties in this division (especially Electrical, electronics, and communication technology, general [0909] and Naval and marine technology, general [0923]) may need to be broken up into subspecialties.

Fifty-four new specialties (0926-0979), reflecting aspects of technology related to design, construction, manufacture, and repair, have been added to make this division more comprehensive.

1000 Fine and Applied Arts

Four specialties (1002, 1004, 1005, and 1009) were deleted and replaced with more detailed categories reflecting the subspecialties that they encompass. Sixteen new specialties (1012-1027) have been added to make this division more comprehensive.

1100 Foreign Languages

Four specialties (Portuguese [1117], Greek, modern [1118], Indian (American) languages [1119], and Artificial languages [1120]) have been added to make this division more comprehensive.

1200 Health Services

The name of this division was changed form Health Professions to Health Services to facilitate the inclusion of subject matter specialties that do not typically correspond to particular health professions.

Four specialties were deleted from this division. Dental specialties (1205), Medical specialties (1207), and Veterinary medicine specialties (1219) have been replaced with their respective lists of actual specialties. Biomedical communication (1217) was deleted because it was not clear what it represented.

Seven other specialties (1201, 1203, 1204, 1206, 1218, 1224, and 1225) have been given new names, and fifty-seven new specialties (1226-1282) have been added to make this division more comprehensive.

Different health professional programs may draw on the same subject matter. For example, the medical specialties included in the taxonomy could also be used as nursing specialties.

1300 Home Economics

Institutional management and cafeteria management (1307) has been deleted since the subject matter is covered by Hotel and restaurant management (0508). Two additional specialties (Child care and guidance [1308] and Geratric care [1309]) have been added to make this division more comprehensive.

1400 Law

Seven new specialties (1402-1408) have been added to make this division more comprehensive.

1500 Letters

The specialty, Philosophy (1509) has been deleted from this division and established as a separate division (2500) becuase it does not logically fit in any other division. Religious studies (excluding theological professions) (1510) was moved to the new Philosophy division. One new specialty (Composition (excluding creative writing) [1511]) has been added to make this division more comprehensive.

1600 Library, Archival, and Museum Sciences

The title of this division has been changed from Library Science to Library, Archival, and Museum Sciences to create a home for archival and museum sciences. These two subject matter areas fit here because of the nature of the cataloging and storage functions involved. Two specialties (Archival sciences, general [1602] and Museum and related administration [1603]) have been added to make this division more comprehensive.

1700 Mathematics

Six new specialties (1704-1709) have been added to make this division more comprehensive.

1800 Military Sciences

One new specialty (Coastal Science (Coast Guard)[1804]) was added to make this division more comprehensive.

1900 Physical Sciences

The specialty Geophysics and seismology (1916) has been changed to Geophysics, general (1916); and Seismology has been established as a separate subject matter area (1923). Three other specialties (Mineralogy [1921], Hydrology [1922], and Volcanology [1924]) have been added to make this division more comprehensive.

2000 Psychology

One specialty (Statistics in psychology [2007]) has been deleted since the subject matter can be covered by Statistics, mathematical and theoretical (1702). Four new specialties (Abnormal psychology [2011], Special mental conditions [2012], Creativity [2013], and Astrology [2014]) have been added to make this division more comprehensive.

2100 Public Affairs and Services

Three specialties (Fire protection [2107], Citizenship [2108], and Civil service preparation [2109]) have been added to make this division more comprehensive.

2200 Social Sciences

Two specialties (Asian-American cultural studies [2216] and Women's studies [2217]) have been added to make this division more comprehensive.

2300 Theology

Two specialties (Ecclesiastical and canonical law [2304] and Non-christian religions and cults [2305]) have been added to make this division more comprehensive.

New Subject Matter Divisions

In addition to these changes in the existing taxonomy divisions, five new divisions have been added to the taxonomy: Philosophy (2500), Physical Education and Recreation (2600), Service (2700), Special Communication (2800), and Transportation Equipment Operation (2900). Appropriate specialties have been established for each of these new divisions.

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